

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 21st May 1886—*conold.*

Meteorological division.	District.	Station.	RAINFALL.							TOTAL.		Total rain- fall since 1st of month.	Average total rain- fall from 1st of month.	Total rain- fall since 15th May 1886.	Average rainfall from 15th May 1886 to date.
			Saturday, 15th May.	Sunday, 16th May.	Monday, 17th May.	Tuesday, 18th May.	Wednesday, 19th May.	Thursday, 20th May.	Friday, 21st May.	Number of rainy days.	of Rainfall week.				
NORTH BENGAL —continued.	Barak	Gopalgunge	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00
		Sawai	0.12	0.40	0.00	0.00	0.00	0.00	0.00	1	0.61	0.61	0.61	0.61	0.61
SOUTH BENGAL	Shahabad	Chunrah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00
		Ruzar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00
		Dehree	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00
		Shutpoah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00
		Sassaram	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00
		Arran	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00
		Mohania	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Nil	Nil	Nil	0.00	Nil	Nil
	Gya	Aurangabad	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00
		Gya	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Nil	Nil	Nil	0.00	Nil	Nil
		Nowadah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00
		Johannabad	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00
		Arwal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00
		Dandnagar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00
		Sherghati	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Nil	Nil	Nil	0.00	Nil	Nil
	Patna	Rajauli	0.00	0.00	0.00	0.00	0.00	0.00	0.00	Nil	Nil	Nil	0.00	Nil	Nil
		Pakri Barawan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00
		Patna	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00
Monchyr	Monchyr	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.00	
	Monchyr	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.00	
	Jamui	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	
South Khagui- pore.	Gogri	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	
	Sheikhpura	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	
	Shakulpore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	
Moulvibazar	Banua	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	
	Kolpang	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	
	Rajmahal	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.00	
CENTRAL BENGAL —continued.	Moulvibazar	Godda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.00
		Pasour	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.00
		Nya Dooaka	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.00
	Moulvibazar	Deoghar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.00
		Jamara	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00
		Simra	0.00	0.00	0.00	0.00	0.00	0.00	0.00	3	0.00	0.00	0.00	0.00	0.00
	Moulvibazar	Nankhat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2	0.00	0.00	0.00	0.00	0.00
		Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00
		Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00
	Moulvibazar	Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00
		Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00
		Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00
	Moulvibazar	Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00
		Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00
		Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00
	Moulvibazar	Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00
Paonamba		0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	
Paonamba		0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	
Moulvibazar	Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	
	Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	
	Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	
Moulvibazar	Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	
	Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	
	Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	
Moulvibazar	Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	
	Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	
	Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	
Moulvibazar	Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	
	Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	
	Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	
Moulvibazar	Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	
	Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	
	Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	
Moulvibazar	Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	
	Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	
	Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	
Moulvibazar	Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	
	Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	
	Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	
Moulvibazar	Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	
	Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	
	Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	
Moulvibazar	Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	
	Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	
	Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	
Moulvibazar	Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	
	Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	
	Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	
Moulvibazar	Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	
	Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	
	Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	
Moulvibazar	Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	
	Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	
	Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	
Moulvibazar	Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	
	Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	
	Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	
Moulvibazar	Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	0.00	
	Paonamba	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	0.00	0.00	</	

**SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS
TAKEN IN BENGAL FOR THE WEEK ENDING FRIDAY, THE 21ST OF
MAY 1886.**

The report for the previous week showed that weather conditions over the province were decidedly disturbed, owing to the interaction between more or less opposite wind systems. At the close of the week, however, these conditions were gradually disappearing, but still for the first three days of the present week conditions were sufficiently disturbed to give a large number of local storms, which in most instances brought light rain. At first these storms with rain were general over almost the whole province, but the area affected by them has gradually contracted, and towards the close of the week the rainfall was practically confined to North Bengal. The winds for the second-half of the week became very light and rather irregular over the whole province, and while thus winds were falling off in strength at the head of the Bay, a very strong advance of monsoon winds was taking place in the extreme south of the Bay; heavy rain was also recorded at some of the Ceylon stations. Thus at Galle on the 18th and 19th nearly eight inches of rain were reported. This is the second advance of monsoon winds which has taken place up the Bay during the present month, and it is probable that this second burst will advance further up the Bay than the previous one did.

Pressure—During the first two days of the week was rising at the majority of stations; and it was lowest at the western and highest at the south-eastern stations, but at this time there was also a comparatively low pressure area in the south-west corner of the Bay, and this comparatively low pressure has remained persistent almost throughout the week. Towards the close of the week also pressure generally fell over Bengal, but notwithstanding that the fall was in some cases rather rapid, pressure was at the close of the week largely above the normal over the province, the excess in many instances equalling 0.15". For the whole week the mean pressure of the province has been almost 0.1" above the normal.

Temperature—Changes have been generally small at most stations throughout the week, but with the cessation of rainfall in some districts, and the diminution of its quantity in others, the variations of temperature have generally been in an upward direction. Thus at the commencement of the week temperature was in defect in Chutia Nagpur and South Behar by about 5°, though in other districts the defect was generally not larger than 1° to 2°, while at the close of the week it was only slightly below the normal in almost all districts, while in East Bengal it was even in slight excess. For the whole week the mean temperature of the province has been 2.8° below the normal. In all cases the mean temperature is below the normal, and the extreme variations are from a defect of 6.7° in South Behar to one of 0.3° in East Bengal.

Rainfall—Has been fairly well distributed over the whole province during the first three or four days of the week, while at its close, as previously stated, all divisions were for practical purposes rainless, excepting in North Bengal at the districts in and near the hills. In most divisions rain has fallen at almost every station, and on about one or two days of the week. The largest average rainfall has been received in North Bengal, which has registered 1.76 inches against the normal amount of 2.04 inches. East Bengal has recorded an average fall of 0.71 inch against the normal 1.55 inches. Both these districts have therefore received falls very considerably below the normal. North Behar has registered a general fall of 1.10 inches against the normal 0.53 inch, and has therefore received twice the normal amount. South-West Bengal has received 0.97 inch against a normal of 0.82 inch, and South Behar a fall of 0.65 inch against the normal 0.61 inch; and Orissa has recorded 1.67 inches against the normal 0.57 inch, and thus all these districts have received falls very decidedly above the normal for the week. Finally, Chutia Nagpur has reported a general fall of 0.44 inch, while the normal is 0.50 inch, and thus the actual fall is nearly equal to the normal.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Friday, the 21st of May 1886 :—

METEOROLOGICAL DIVISIONS.	TEMPERATURE.								RAINFALL.							
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of month.		Since 1st of May 1886.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.
Orissa	100.4	71.4	81.7	77.4	84.6	-2.7	1.67	0.57	+1.10	21	13	+0.8	3.75	2.31	1.67	0.57
South-West Bengal	100.5	73.3	83.8	77.4	85.4	-1.8	0.97	0.82	+0.15	18	17	+0.1	4.95	3.39	0.57	0.33
East Bengal	96.3	71.8	80.6	76.3	83.4	-0.3	0.71	1.55	-0.84	13	24	-1.1	0.08	6.53	0.71	1.25
North Bengal	86.1	65.1	80.9	73.4	82.1	-	1.76	2.04	-0.28	18	23	-0.5	4.86	5.40	1.70	2.04
North Behar	100.2	87.3	92.0	74.3	83.1	-1.3	1.10	0.53	+0.57	14	0.8	+0.6	2.68	1.07	1.10	0.13
South Behar	102.0	88.0	95.0	74.6	85.3	-0.7	0.65	0.61	+0.04	12	0.8	+0.6	1.35	1.45	0.68	0.62
Chutia Nagpur	96.5	66.4	83.0	71.8	81.9	-3.0	0.44	0.50	-0.06	11	12	-0.1	0	1.73	0.44	0.50

† Figures not included.
‡ Chutia Nagpur not included.

METEOROLOGICAL OFFICE, BENGAL;
The 25th May 1886.

ALEXANDER PEDDER,

Offg. Meteorological Reporter to the Govt. of Bengal.

**Results of the Meteorological Observations taken at the Alipore Observatory from
16th to 22nd May 1886.**

Month.	Date.	Maximum in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 52 Fahr.	TEMPERATURE.				HYGROMETRY.				WIND.		Rain.	WEATHER.
					Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles per hour.		
May	16th	152.6	9.8	29.766	84.0	90.3	14.1	70.2	79.5	0.948	77.6	89	SSE, SSW, and variable.	109	0.09	Chiefly cloudy, o, s, p, t, & d.
"	17th	162.0	7.8	784	81.5	91.0	13.3	77.7	77.9	.913	76.5	85	ESE and variable...	101	1.62	Chiefly cloudy, o, s, d, t, & p.
"	18th	151.4	0.8	737	83.7	91.8	19.4	72.4	78.8	.923	76.8	81	Calm and variable ...	46	Nil	Partially cloudy, d.
"	19th	154.6	10.4	744	85.2	92.9	15.0	77.0	80.3	.989	78.3	81	WSW and calm ...	58	"	Partially cloudy, d.
"	20th	157.8	11.3	767	85.2	92.4	14.7	77.7	79.7	.942	77.4	78	SSW and calm ...	56	"	Partially cloudy, t, d.
"	21st	157.8	11.8	774	86.1	93.4	15.4	78.0	80.6	.974	78.4	79	WSW and calm ...	54	"	Partially cloudy, d.
"	22nd	159.5	11.9	799	85.7	98.7	15.4	76.3	78.5	.882	75.4	72	SSW and S ...	67	"	Partially cloudy, d.

The mean pressure of the seven days	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Inches.
The average pressure of the corresponding period for 24 years, S. G.'s Office	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	29.764
The total number of hours of bright sunshine	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	Hours.
The maximum possible number of hours of sunshine	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	73.3
																92.6
																O
The mean temperature of the seven days	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	84.5
The average temperature of the corresponding period for 24 years, S. G.'s Office	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	86.5
The extreme variation of temperature	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	21.3
The maximum temperature	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	93.7
																Miles.
The highest velocity of the wind in one hour	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	13
																lbs.
																4
The highest pressure of wind on one square foot	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	"
																80
The mean relative humidity	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	73
The average relative humidity of the corresponding period for 24 years, S. G.'s Office	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	73
																Inches.
The total fall of rain from 16th to 22nd May 1886	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.71
The average fall of the corresponding period for 24 years, S. G.'s Office	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	1.00
The total fall from 1st January to 22nd May 1886	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	11.42
The average fall of the corresponding period for 24 years, S. G.'s Office	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	7.79

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph and from observations made at 6h, 10h, 16h and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard Newman's No. 86 formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o overcast, g gloomy, d drizzling rain, t thunder, < lightning, p passing temporary showers, & dew

A. PEDLER,

For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE,
Calcutta; the 24th May 1886.

**Results of the Thermometrical Observations taken at the Meteorological Office,
Chowringhee, from 16th to 22nd May 1886.**

MONTH.	Date.	TEMPERATURE.				Mean wet bulb.	HYGROMETRY.			Rain.
		Mean.	Maximum.	Range.	Minimum.		Vapour tension.	Dew point.	Humidity.	
1886		°	°	"	°	°	Inches.	°	%	Inches.
May	16th	84.4	92.3	13.0	79.3	79.8	.957	77.9	81	0.02
"	17th	79.9	83.2	14.9	78.3	75.9	.854	74.5	87	1.56
"	18th	82.5	94.0	20.7	73.3	77.6	.882	75.4	79	0.01
"	19th	85.2	95.0	16.2	78.8	80.1	.900	78.0	79	Nil
"	20th	85.1	85.5	16.9	78.6	80.0	.957	77.9	79	"
"	21st	85.8	86.0	17.2	78.8	80.0	.947	77.6	77	"
"	22nd	85.7	95.7	16.9	79.8	79.7	.934	77.2	78	"

The mean temperature of the seven days ... 84.0

The extreme variation of temperature ... 22.7

The maximum temperature ... 96.0

The mean relative humidity ... 80

The total fall of rain from 16th to 22nd May 1886 ... 1.59

The mean temperature and humidity are obtained by applying to the mean of the 10a, 16h and minimum readings a correction dependent on the range, and derived from the hourly observations at the Surveyor-General's Office, Chowringhee, in past years.

METEOROLOGICAL OFFICE, INDIA;
Calcutta, the 24th May 1886.

A. PEDLER,
For Meteorological Reporter to the Govt. of India.

MEMORANDUM.

THE principal Municipalities in Bengal returned, during the week ending 8th May 1886, the birth and death-rates of 16.1 and 21.5 per 1,000 of population, respectively, as opposed to 17.2 and 23.8 per 1,000, respectively, in the preceding week ending 1st May, indicating a reduction in the record of both events:—

2. These events were returned in the highest proportions from the following Municipalities:—

Births.			Deaths.		
		Ratio per mille.			Ratio per mille.
Purneah	...	41.6	Beaulnah	...	76.2
Beaulnah	...	36.8	Serampore	...	48.2
Comillah	...	30.8	Puri	...	39.9
Bhagulpore	...	30.8	Purneah	...	34.6
			Gya	...	33.5

3. From the figures in the following table, it appears that during the week under notice the mortality from cholera and the maladies recorded under the head of "Other causes" had diminished sensibly, that the death-rates from small-pox and bowel-complaints exhibit no variations, and that there were no marked differences in fatal results from the rest of the death-causes:—

			Ratio per mille during the weeks ending—	
			8th May 1886.	1st May 1886.
Cholera	...	...	2.2	3.3
Small-pox	...	...	1	1
Fever	...	...	9.9	9.7
Bowel-complaints	...	...	2.9	2.9
Injury	...	...	4	7
Other Causes	...	...	6.0	7.1

4. Of the abovementioned diseases cholera, fever and "Other Causes" exhibited greatest severity in the following Municipalities:—

Cholera.		Fever.		Other Causes.	
	Ratio per mille.		Ratio per mille.		Ratio per mille.
Beaulnah	23.6	Beaulnah	47.3	Serampore	21.
Puri	10.5	Burdwan	22.9	Puri	16.
Suburbs of Calcutta	6.4			Bhagulpore	15.4

5. With reference to Sex, Class and Age, the mortality stands as follows:—

According to Sex.		According to Class.		According to Age.	
	Ratio per mille.		Ratio per mille.		Ratio per mille.
Males	22.7	Christians	30.4	Under 1 year	183.6
Females	20.1	Hindus	21.0	1 year and under 5 years	33.7
Ratio of male deaths to every 100 female deaths	128	Mahomedans	22.3	5 " " 10 " "	12.3
		Budhists	24.2	10 " " 15 " "	12.7
		Other classes	36.4	15 " " 20 " "	12.5
				20 " " 30 " "	14.6
				30 " " 40 " "	13.0
				40 " " 50 " "	11.0
				50 " " 60 " "	18.6
				60 years and upwards	53.0

B. LIDDERDALE, M.D., Deputy Surgeon-General,
Sanitary Commissioner for Bengal.

The 24th May 1886.

[illegible]

* A special census of the Europeans in the Darjiling Municipality was recently taken, as the census of this section of the community taken in February 1881, was not reliable owing to the Europeans being at a minimum in that month. The number of the natives remaining as before, as it was not necessary to re-census them. The ratios have consequently been calculated on the revised population under all heads in the above table, except "dys," the ratios under which have been omitted, inasmuch as they are not included in the European, above alluded to, cannot be employed as a basis of calculation owing to the results of the census under this head not having been recorded under the authorised form of age classification.

PUBLIC WORKS DEPARTMENT, IRRIGATION BRANCH, BENGAL.

Statements showing the total amount of Traffic and Tolls on the Canals classed as
Productive Public Works for the month of March 1886.

ORISSA CIRCLE.

Taldundah Canal.

LENGTH OF CANAL OPEN—27½ MILES.

Number of boats.	Nature of Cargo.	APPROXIMATE		TONNAGE OF BOATS.		Number of passengers.	Ton-mileage.	Tollage.	Rate of toll per ton-mile.
		Weight of cargo.	Value of cargo.	Mounds.	Tons.				

LOCAL TRAFFIC.

(1)—PRIVATE.

ARTICLES OF FOOD.		Mds.	Rs.					Rs. A. P.	A. P.
22	Paddy	7,437	7,175	11,917	438	4,003	60 10 0		
1	Jaggery	234	1,170	315	11	275	3 0 0		
STAPLE OF MANUFACTURE.									
1	Mustard seed	182	548	245	9	199	3 4 0		
BUILDING MATERIALS.									
6	Sand cut stone	3,247	290	5,309	190	3,230	30 2 0		
12	Laterite rubble	3,427	112	6,335	227	3,405	63 0 8		
1	Unwrought timber and piles	182	26	245	9	90	1 2 0		
	Ditto, in rafts (384 in number)		845				50 1 4		
	Bamboos in floats (18,600 in number)		230				0 12 0		
FUEL.									
2	Charcoal	607	130	980	35	535	4 14 0		
MISCELLANEOUS.									
11	Passenger boats			24,024	958	3,539	119 14 0		
26	Empty do.			31,807	772	9,264	63 14 7		
1	Bona grass	182	50	297	11	264	2 12 0		
1	Kandaur reeds	217	20	405	14	140	2 0 0		
1	Chalk	383	250	630	24	609	8 8 0		
133	Total	10,059	10,743	72,349	2,891	3,539	419 13 11	0 3 0	
85	Total of same month last year	8,716	11,330	38,735	1,385	11,953	230 12 11	0 4 0	

(2)—STORES AND MATERIALS FOR IRRIGATION WORKS.

BUILDING MATERIALS.		Mds.	Rs.					Rs. A. P.	A. P.
2	Laterite blocks	1,001	40	1,638	60	1,200	8 4 0		
2	Sand stone rubble	792	41	1,432	52	780	14 4 0		
2	Chooting lime	752	235	1,452	52	1,404	14 8 0		
MISCELLANEOUS.									
5	Empty boats	21	175	2,208	82	1,478	9 8 0		
1	Stores, &c.			54	2	54	0 3 0		
15	Total	2,566	291	6,937	246	4,914	47 0 0	0 1 8	
35	Total of same month last year	4,368	266	13,910	497	10,433	92 0 0	0 1 7	

ABSTRACT.

	Mds.	Rs.					Rs. A. P.
135	Private, including miscellaneous	10,059	10,743	72,349	2,891	3,539	419 13 11
13	Government stores, including ditto	2,566	291	6,937	246	4,914	47 0 0
149	Grand Total	12,625	11,134	79,286	3,137	8,453	466 13 11
186	Grand Total of same month last year	12,329	12,318	53,635	1,882	22,886	342 12 11

MEMO.

	Rs. A. P.
Unrecovered balance on the 1st of the month	68 8 6
Amount of tollage for the month	466 13 11
Total	535 0 6
Amount credited in the accounts for the month	336 8 7
Balance at the end of the month	198 0 10

Kendrapara Canal and its Branch to Gundakhia on the Gobri River.

LENGTH OF CANAL OPEN—75 MILES.

LOCAL TRAFFIC.

(D)—PRIVATE.

Number of Units.	Nature of Cargo.	APPROXIMATE		TONNAGE OF BOATS.		Number of passengers.	Ton mileage.	Tollage.	Rate of toll per ton-mile.		
		Weight of cargo.	Value of cargo.	Mounds.	Tons.				Rs. A. P.	A. P.	
ARTICLES OF FOOD.											
152	Paddy	16,200	14,500	25,324	631	.....	20,790	363 1 1	.....	.....
78	Rice	26,000	78,000	50,378	1,769	.....	66,230	1,081 3 4	.....	.....
24	Wheat	2,100	8,500	3,797	186	.....	5,017	54 6 11	.....	.....
10	Gram	700	3,000	1,365	40	.....	1,770	19 10 0	.....	.....
42	Jaggery	6,200	5,100	12,073	483	.....	13,783	150 10 6	.....	.....
6	Turmeric	750	3,000	1,404	20	.....	1,332	16 12 6	.....	.....
15	Salt	1,800	6,400	3,423	122	.....	3,515	35 13 10	.....	.....
3	Salt fish	70	450	227	8	.....	422	4 12 0	.....	.....
4	Dry fish	90	400	206	7	.....	200	3 0 5	.....	.....
STAPLES OF MANUFACTURE.											
2	Jute	500	1,500	532	21	.....	196	3 2 0	.....	.....
4	Hides	550	5,500	1,044	37	.....	1,593	21 13 3	.....	.....
10	Til seed	1,750	7,100	3,383	121	.....	5,022	60 0 8	.....	.....
BUILDING MATERIALS.											
1	Bricks	200	10	525	19	.....	205	6 9 0	.....	.....
2	Tiles	200	20	337	12	.....	600	0 12 0	.....	.....
1	Stone	200	10	314	11	.....	80	3 0 0	.....	.....
14	Unwrought timber and piles (1,617 in number)	400	5,500	863	31	.....	1,242	145 14 2	.....	.....
7	Bamboos (33,425 in number)	300	1,150	612	22	.....	566	92 1 7	.....	.....
FUEL.											
2	Coal and coke	500	200	1,144	41	.....	2,914	22 0 0	.....	.....
8	Firewood	5,000	500	9,357	334	.....	17,958	180 4 0	.....	.....
COOKING UTENSILS AND OTHER DOMESTIC IMPLEMENTS.											
8	Earthenware and earthenpots	450	50	780	27	.....	648	10 8 1	.....	.....
MISCELLANEOUS.											
118	Passenger boats	.....	.....	53,432	2,060	6,067	1,48,680	1,545 12 0	.....	.....
419	Empty do.	.....	.....	62,086	2,240	.....	89,040	519 1 0	.....	.....
5	Straw	150	50	480	17	.....	540	6 0 0	.....	.....
13	Onions	1,100	1,100	2,432	83	.....	2,754	32 7 10	.....	.....
2	Kerosine oil	600	3,000	1,006	38	.....	1,540	21 18 0	.....	.....
46	Miscellaneous goods, &c.	25,800	1,55,000	41,411	1,479	.....	72,763	893 9 9	.....	.....
1	Gunny	200	1,000	690	23	.....	760	8 14 6	.....	.....
202	Total	85,690	2,97,020	3,08,331	11,011	6,667	4,78,716	5,518 8 2	0 32	.....
1,065	Total of same month last year..	1,04,930	3,20,110	3,07,722	10,990	4,108	4,75,380	5,161 13 0	0 31	.....

(E)—STORES AND MATERIALS FOR IRRIGATION WORKS.

BUILDING MATERIALS.				Mds.	Rs.				Rs. A. P.	A. P.	
7	Brick	...	...	3,000	50	5,574	199	...	109	33 0 8	...
65	Building stones	...	...	25,000	500	43,690	1,561	...	28,407	400 12 0	...
1	Lime	...	...	400	100	650	24	...	1,296	13 0 0	...
4	Timber	...	...	800	50	1,187	42	...	1,040	8 12 0	...
2	Sand	...	...	...	...	2,638	94	...	1,410	26 0 0	...
MISCELLANEOUS.											
87	Empty boats	...	...	...	...	10,025	701	...	22,096	124 3 1	...
1	Wall curves	...	...	...	...	23	1	...	11	0 1 8	...
4	Stores, &c.	...	...	100	200	223	8	...	400	4 13 8	...
159	Total	...	...	29,000	600	73,609	2,630	...	55,499	671 8 5	0 33
56	Total of same month last year..	...	...	5,900	700	16,830	601	...	14,716	126 1 0	0 18

ABSTRACT.

		Mds.	Rs.					Rs. A. P.	
202 180	Private, including miscellaneous Government stores, including miscellaneous	85,690 20,000	2,97,020 900	3,08,331 73,609	11,011 2,650	6,667	478,716 55,499	5,518 8 3 671 2 2	..........
1,181	Grand Total	114,690	2,97,920	3,81,940	13,661	6,667	534,215	6,189 10 7	.....
1,121	Grand Total of same month last year.	110,830	3,20,310	3,24,543	11,691	4,108	400,108	5,237 13 9	.....

MEMO.

		Mds.		Rs.	
Unrecovered balance on the 1st of the month
Amount of tollage for the month
Total
Amount credited in the accounts for the month..
Balance at the end of the month

High Level Canal, Range I.

LENGTH OF CANAL OPEN—34 MILES.

Number of boats.	Nature of Cargo.	APPROXIMATE		TOWNSHIP OF BOATS.		Number of passengers.	Ton-mileage.	Tollage.	Rate of toll per ton-mile.
		Weight of cargo.	Value of cargo.	Mounds.	Tons.				

LOCAL TRAFFIC.

(1)—PRIVATE.

	ARTICLES OF FOOD.	Mds.	Rs.					Rs. A. P.	A. P.
27	Paddy	4,100	8,000	7,255	254	8,772	86 14 0		
134	Rice	10,200	20,400	19,145	654	18,890	178 15 3		
2	Turneric	400	1,200	819	22	726	7 9 0		
2	Fruits and vegetables	100	100	821	11	803	3 12 0		
27	Jaggery	4,000	20,000	7,638	271	4,607	35 0 3		
26	Salt	2,050	6,150	4,117	144	4,503	41 0 0		
2	Chillies	100	500	302	11	330	3 12 0		
2	Fish (dry)	100	750	393	14	504	9 11 0		
	STAPLES OF MANUFACTURE.								
2	Cotton	100	1,000	284	10	390	3 7 0		
10	Til seed	1,200	4,800	2,207	82	2,198	27 13 0		
	BUILDING MATERIALS.								
1	Stone	400	10	560	20	20	1 6 0		
6	Unwrought timber and piles (2,751 in number)	100	3,500	175	8	156	323 0 0		
2	Bamboos (8,800 in number)	300	180	619	22	720	15 2 6		
	FUEL.								
1	Charcoal	100	50	252	9	207	3 2 0		
25	Firewood	4,100	400	5,304	239	9,164	92 7 6		
	MISCELLANEOUS.								
3	Passenger boats			501	18	600	7 8 6		
212	Empty			25,190	800	20,004	160 2 3		
42	Straw	3,000	1,500	13,350	477	9,018	111 4 0		
78	Miscellaneous goods, &c.	3,000	15,200	5,412	194	6,238	68 5 0		
550	Total	36,500	91,918	96,743	3,453	87,611	1,118 4 0	0 2 4	
548	Total of same month last year	25,000	64,400	77,584	2,771	76,608	1,156 5 8	0 2 9	

(2)—STORES AND MATERIALS FOR IRRIGATION WORKS.

	MISCELLANEOUS.	Mds.	Rs.					Rs. A. P.	A. P.
4	Empty boats			1,264	45	1,485	7 10 8		
1	Stores, &c.	200	500	310	11	374	3 12 0		
5	Total	200	500	1,574	56	1,859	11 6 0	0 1 4	
1	Total of same month last year			400	15	493	2 8 0	0 1 0	

ABSTRACT.

	Mds.	Rs.					Rs. A. P.	
555	Private, including miscellaneous	36,500	91,910	96,743	3,453	87,611	1,118 4 0	
6	Government stores, including ditto	200	500	1,574	56	1,859	11 6 6	
561	Grand Total	36,700	92,410	98,317	3,509	89,470	1,130 10 6	
550	Grand Total of same month last year	25,000	64,400	77,584	2,786	76,608	1,158 15 6	

	Memo.	Rs. A. P.
Uncovered balance on the 1st of the month		205 7 3
Amount of tollage for the month		1,124 10 6
	Total	1,330 1 9
Amount credited in the accounts for the month		1,325 6 9
Balance at the end of the month		104 11 0

High Level Canal, Runge II.

LENGTH OF CANAL OPEN—12½ MILES.

Number of boats.	Nature of Cargo.	APPROXIMATE		TONNAGE OF BOATS.		Number of passengers.	Ton. mileage.	Tollage.	Rate of toll per ton-mile
		Weight of Cargo.	Value of Cargo.	Mauada.	Tons.				

LOCAL TRAFFIC.

(1)—PRIVATE.

ARTICLES OF FOOD.		Mds.	Rs.					Rs. A. P.	A. P.
26	Paddy	3,596	8,306	6,852	338		2,852	41 6 0	
54	Rice	4,850	11,577	9,267	551		2,270	57 6 0	
1	Gram and khossary	112	448	328	8		90	1 6 0	
3	Pulses and other crops	288	1,352	577	19		148	3 9 0	
6	Jaggery	757	7,470	1,406	53		650	8 2 9	
9	Salt	221	1,105	443	16		176	2 12 0	
4	Saffron	358	3,580	677	24		288	4 3 5	
2	Dry fish	70	70	141	8		60	0 14 0	
STAPLE OF MANUFACTURE.									
10	Gingelly	1,359	5,436	2,718	07		1,104	18 14 6	
BUILDING MATERIALS.									
23	Timber, No. 1,847							51 7 3	
25	Bamboo, 1½ ft, No. 22,000							13 11 3	
MISCELLANEOUS.									
1	Passenger boats			160	2	141	24	0 5 0	
79	Empty do.			6,076	217		2,440	18 14 5	
39	Dongals							9 0 0	
2	Lac	98	980	107	7		70	1 0 0	
971	Total	11,218	24,574	24,618	1,017	141	12,207	238 11 0	0 56
890	Total of same month last year	18,800	53,750	45,954	1,541		19,542	280 13 3	0 23

(2)—STORES AND MATERIALS FOR IRRIGATION WORKS.

BUILDING MATERIALS.		Mds.	Rs.					Rs. A. P.	A. P.
2	Timber, No. 6			1,946	102		1,224	0 10 6	
5	Building stones laterite			18,598	671		8,032	17 11 0	
57	Rubble							117 6 9	
2	Bamboo, No. 165							0 2 6	
FUEL.									
8	Charcoal			1,353	46		528	7 10 0	
35	Firewood			11,313	440		2,049	79 3 0	
MISCELLANEOUS.									
22	Empty boats			18,561	603		7,243	4 0	
37	Dongals							9 15 0	
1	Stores, &c.			294	10		130	1 18 0	
417	Total			53,074	1,880		19,228	288 11 9	0 12
120	Total of same month last year	2,580	870	35,517	1,272		12,614	123 7 9	0 32

ABSTRACT.

	Mds.	Rs.					Rs. A. P.
271 Private, including miscellaneous	11,218	24,574	24,618	1,017	141	12,207	238 11 0
217 Government stores, including			53,074	1,880		19,228	288 11 9
496 Grand Total	11,218	24,574	51,702	2,897	141	31,435	526 11 9
496 Grand Total of same month last year	26,300	54,420	51,571	2,913		31,198	476 5 0

MEMO.

	Rs. A. P.
Unrecovered balance on the 1st of the month	261 0 2*
Amount of tolls for the month	521 6 0
	Total
Amount credited in the accounts for the month	788 7 0
Balance at the end of the month	507 13 0
	289 10 6

* Two pie is less brought forward, as the same was less shown in last month's credit.

High Level Canal, Range III.

LENGTH OF CANAL OPEN—20 MILES.

Number of boats.	Nature of Cargo.	APPROXIMATE		TONNAGE OF BOATS.		Number of passengers.	Ton-mileage.	Tollage.	Rate of toll per ton-mile.
		Weight of cargo.	Value of cargo.	Maunder.	Tons.				

LOCAL TRAFFIC.

(1)—PRIVATE.

ARTICLES OF FOOD.		Mds.	Rs.					Rs. A. P.	A. P.
4	Paddy	5,522	342	882	25	210	4 4 0		
2	Rice	2,258	7,245	5,700	207	2,161	36 1 9		
3	Jaggery	100	4,000	419	20	522	5 2 0		
4	Saffron	607	5,970	1,194	43	774	7 7 0		
BUILDING MATERIALS.									
	Gyles, 109							0 13 3	
	Logs, 17							0 12 9	
MISCELLANEOUS.									
33	Empty boats			2,300	80	424	6 30	7 7 6	
1	Gunnybags			217	8	144	1 5 9		
2	Empty dongsas							0 6 0	
41	Total	4,245	17,647	11,111	308	4,650	63 12 0	0 2 6	
220	Total of same month last year	5,250	28,000	23,686	845	7,801	129 13 0	0 3 3	

(2)—STORES AND MATERIALS FOR IRRIGATION WORKS.

BUILDING MATERIALS.		Mds.	Rs.					Rs. A. P.	A. P.
78	Brick			31,512	1,126	852	196 12 0		
1	Building stone, laterite			472	17	170	2 15 0		
9	Lime			3,566	127	1,109	22 4 6		
1	Bamboo			312	11	11	1 15 11		
FUEL.									
7	Shooting			2,802	164	1,040	18 2 0		
23	Bubble			11,873	424	424	74 5 0		
MISCELLANEOUS.									
101	Empty boats			18,334	352	2,017	36 14 0		
3	Sand			1,238	45	405	7 12 6		
1	Scorpy			577	20	200	3 9 0		
215	Total			70,785	2,526	15,278	344 10 9	0 4 8	
39	Total of same month last year	4,000	150	12,421	442	6,020	86 5 0	11 2 1	

ABSTRACT.

	Mds.	Rs.				Rs. A. P.	
61 Private, including miscellaneous	4,245	17,647	11,111	308	424	4,650	63 12 0
215 Government stores, including ditto			70,785	2,526		15,278	384 10 9
204 Grand Total	4,245	17,647	81,896	2,834	424	10,928	448 6 9
274 Grand Total of same month last year.	15,650	29,100	36,107	1,838		13,830	196 2 0

MEMO.		Rs. A. P.
Unrecoveral balance on the 1st of the month		263 4 9
Amount of tollage for the month		448 6 9
Total		711 11 6
Amount credited in the accounts for the month		227 6 9
Balance at the end of the month		484 10 9

SOUTH-WESTERN CIRCLE.

Midnapore Canal.

LENGTH OF CANAL OPEN—58 MILES.

LOCAL TRAFFIC.

C1—PRIVATE.

Number of boats.	Nature of Cargo.	APPROXIMATE		TONNAGE OF BOATS.		Number of passengers.	Ton-miles.	Tollage.	Rate of toll per ton-mile.
		Weight of cargo.	Value of cargo.	Maunds.	Tons.				
	ARTICLES OF FOOD.	Mds.	Rs.					Rs. A. P.	
639	Paddy	1,18,503	1,27,507	1,04,085	...	...	...	3,311 7 8	...
67	Rice	28,055	61,000	52,800	...	...	...	741 1 0	...
45	Gram	8,410	20,404	20,150	...	...	...	232 15 0	...
27	Fruits and vegetables	2,305	6,175	5,899	...	...	...	73 12 3	...
10	Sugar, unrefined	1,029	5,005	4,025	...	...	...	67 12 0	...
85	Salt	29,000	60,000	40,000	...	...	...	450 7 0	...
8	Lard	269	1,000	1,410	...	...	...	8 14 8	...
	STIMULANT.								
2	Tobacco	70	400	300	...	...	...	4 5 0	...
	CLOTHING.								
1	Cotton piece-goods (European)	150	10,000	525	...	...	...	11 2 6	...
	STAPLES OF MANUFACTURE.								
1	Iron	200	1,200	675	...	...	...	12 3 0	...
1	Jute	50	900	175	...	...	...	5 2 0	...
12	Hides (2,000 in number)	550	4,000	1,075	...	...	...	14 3 0	...
1	Indigo seed	200	1,000	525	...	...	...	11 9 0	...
48	Mustard	10,000	60,000	80,000	...	...	...	645 10 0	...
1	Castor seed	175	437	325	...	...	...	8 14 0	...
10	Mustard seed	1,405	5,285	3,750	...	...	...	32 11 0	...
1	Bones	10	50	80	...	...	...	0 0 0	...
	BUILDING MATERIALS.								
3	Bricks (4,200 in number)	...	20	1,175	...	...	...	7 5 0	...
3	Tiles (1,800 in number)	130	18	400	...	...	...	3 0 0	...
20	Unwrought timber and piles (1,425 in number)	2,877	4,300	2,520	...	...	...	36 2 6	...
5	Bamboos (1,350 in number)	...	150	...	...	...	...	3 6 0	...
	FUEL.								
3	Coal and coke	1,500	465	2,050	...	...	...	55 8 0	...
6	Charcoal	2,700	2,320	5,100	...	...	...	82 3 0	...
2	Firewood	850	85	1,525	...	...	...	32 6 6	...
	MISCELLANEOUS.								
112	Passenger boats	...	...	6,125	...	510	...	72 14 0	...
851	Empty do.	...	...	10,125	...	...	...	1,115 12 0	...
4	Straw (20 bales)	450	110	1,175	...	...	...	15 0 0	...
18	Oil-cake	770	893	2,375	...	...	...	30 15 0	...
1	Furniture	150	1,500	450	...	...	...	9 2 0	...
20	Miscellaneous	8,000	8,000	8,000	...	...	...	121 0 0	...
	Under charges	...	...	1,450	...	...	...	17 11 3	...
2,025	Total	2,18,230	3,89,041	4,63,409	16,551	510	450,116	7,255 2 6	0 03
4,010	Total of same month last year	4,04,650	15,58,705	12,00,770	46,420	...	677,080	15,323 7 0	0 03

(2)—STORES AND MATERIALS FOR IRRIGATION WORKS.

	Mds.	Rs.					Rs. A. P.	
Total	...	...	...	...	...	...	...	...
1 Total of same month last year	800	40	1,300	40	...	3,140	89 0 0	0 30

ABSTRACT.

	Mds.	Rs.					Rs. A. P.	
1,025 Private, including miscellaneous Government stores, including ditto	2,18,230	3,89,041	4,63,409	16,551	510	450,116	7,255 2 6	...
2,025 Grand Total	2,18,230	3,89,041	4,63,409	16,551	510	450,116	7,255 2 6	...
4,912 Grand Total of same month last year	4,05,030	15,60,705	12,01,070	46,420	...	677,080	15,361 7 0	...

Amount paid in excess which remained unadjusted on the 1st of the month on account of overpayments by Messrs. Hunter, Miller & Co. for steamers and barges
 Amount of tollage on Calcutta Steam Navigation Company's steamer erroneously included in 12th August 1866

Rs. A. P.

2,205 6 10

15 8 0

Total

2,220 11 10

Amount of tollage for the month

7,255 2 6

Amount paid into treasury during the month

5,035 4 8

7,263 8 0

Amount paid in excess remaining unadjusted at the end of the month

2,237 8 0

NOTE.—Canal Maugs. 1 and 11 closed for six months.

Hidgellee Tidal Canal.
LENGTH OF CANAL OPEN—29 MILES.

Number of boats.	Nature of Cargo.	APPROXIMATE		TONNAGE OF BOATS.		Number of passengers.	Ton-miles.	Tollage.	Rate toll ton-mile.
		Weight of cargo.	Value of cargo.	Mounds.	Tons.				

LOCAL TRAFFIC.
(1)—PRIVATE.

ARTICLES OF FOOD.								Rs. A. P.	
		Mds.	Rs.						
557	Paddy	87,015	25,711	1,78,815				2,592	0 0
558	Rice	10,085	19,835	21,710				18	15 3
1	Gram	400	800	82				5	10 9
559	Fruits and vegetables	2,297	3,290	3,575				84	5 6
18	Jaggery	1,074	2,405	3,091				52	1 0
49	Salt	9,600	24,330	22,150				257	5 3
40	Oil	2,935	29,330	10, 99				124	10 0
STIMULANT.									
56	Tobacco	5,381	32,291	17,510				341	0 3
CLOTHING.									
14	Cotton piece-goods (European)	1,390	24,750	4,000				53	7 0
STAPLES OF MANUFACTURE.									
3	Iron	340	2,840	1,125				9	15 0
7	Jute	1,760	4,750	3,800				30	4 0
6	Linseed	1,000	5,930	2,100				14	7 0
BUILDING MATERIALS.									
1	Brick	500	45	1,100				5	14 0
2	Stone lime	200	225	400				9	12 0
1	Glueing lime	100	10	225				1	4 9
2	Portland cement	1 19	500	600				8	12 3
1	Sand	100	10	200				1	11 4
3	Unwrought timber and plies	875	1,420	450				13	5 9
6	Bamboos	614	473	1,310				16	8 8
FUEL.									
20	Coal and coke	4,400	1,771	9,425				158	5 9
21	Firewood	1,059	612	3,100				39	8 0
COOKING UTENSILS AND OTHER DOMESTIC IMPLEMENTS.									
■	Earthenware and earthenpots	322	111	1,550				19	9 0
MISCELLANEOUS.									
116	Passenger boats			14,042		600		217	3 6
740	Empty do.			60,255				1,067	1 3
110	Straw	25,000	8,240	58,475				472	0
2	Furniture	200	1,700	600				4	5 0
34	Hats	2 50	4,355	5,165				34	4 9
37	Miscellaneous	450	2,390	1,815				30	11 0
078	Total	1,60,591	2,78,097	4,54,707	10,241	600	316,527	5,044	10 0
1 450	Total of same month last year	1,21,877	2,28,330	3,41,276	12,213		134,848	2,366	7 9

(2)—STORES AND MATERIALS FOR IRRIGATION WORKS

BUILDING MATERIALS.								Rs. A. P.	
		Mds.	Rs.						
1	Building stones	400	1,000	975				10	15 0
1	Lime	100	10	225				1	8 0
1	Timber	25	8	200				1	11 3
MISCELLANEOUS.									
3	Empty boats			770				5	14 0
3	Stores, &c.	150	700	925				13	5 8
11	Total	675	1,718	2,100	110		1,883	53	4 9
1	Total of same month last year	18	100	80	2		20	0	5 6

ABSTRACT.

	Mds.	Rs.					Rs. A. P.	
1,978	Private, including miscellaneous.	1,60,591	2,78,097	4,54,707	10,241	600	316,527	5,044 10 0
11	Government stores, including miscellaneous.	875	1,718	2,100	110		1,883	53 4 9
1,987	Grand Total	1,61,466	2,79,815	4,56,807	10,351	600	318,410	5,097 15 3
1,400	Grand Total of same month last year	1,21,607	2,28,430	3,42,076	12,213		134,868	2,366 13 3

MEMO.

	Rs. A. P.
Balance remaining to be paid into treasury on the 1st of the month	1,592 1 9
Amount of tollage for the month	5,002 15 3
Total	7,000 1 0
Amount paid into the treasury during the month	8,336 3 3
Balance remaining to be paid in at the end of the month	553 15 9

SONE CIRCLE.
Eastern Main and Patna Canals.
LENGTH OF CANAL OPEN—86½ MILES.

Number of Lusks.	Nature of Cargo.	APPROXIMATE		TONNAGE OF BOATS.		Number of passengers.	Ton- miles.	Tollage.	Rate of toll per ton-mile.
		Weight of cargo.	Value of cargo.	Maunder.	Tons.				
LOCAL TRAFFIC.									
(1)—PRIVATE.									
ARTICLES OF FOOD.									
2	Pulses and other crops	105	470	412	14	.....	407	7 0 0	.....
2	Fruits and Vegetables	1,240	445	1,037	37	.....	1,009	23 7 0	.....
10	Jaggery	1,000	4,000	1,000	60	.....	3,100	30 7 0	.....
15	Salt	3,118	7,800	4,980	170	.....	12,402	12 11 0	.....
3	Spices	605	5,500	930	33	.....	1,098	19 11 3	.....
STIMULANTS.									
8	Poppy flower	310	3,100	1,115	40	.....	3,018	29 16 8	.....
5	Tobacco	507	1,110	1,751	51	.....	4,043	41 8 0	.....
STAPLES OF MANUFACTURE.									
3	Salt-petre	127	211	384	12	.....	252	2 10 3	.....
10	Hides	370	3,200	603	24	.....	1,533	16 12 9	.....
21	Horns	5,960	10,010	8,045	309	.....	21,851	22 13 3	.....
1	Linseed	250	400	346	12	.....	1,020	10 2 6	.....
1	Mustard seed	.....	.....	.....	.....	.....	.....	.....	.....
BUILDING MATERIALS.									
2	Unwrought timber and piles	1,750	1,355	2,910	110	.....	2,247	23 5 9	.....
9	Bamboo (24,462 in number)	.....	1,420	6,100	150	.....	3,271	33 14 3	.....
.....	Bamboo, bill (18,39,000 in number, raft 73)	.....	17,705	.....	.....	.....	.....	675 11 3	.....
FUEL.									
1	Charcoal	125	300	231	8	.....	172	1 13 3	.....
COOKING UTENSIL AND OTHER DOMESTIC IMPLEMENT.									
9	Mill stones	3,083	1,500	5,006	209	.....	15,464	80 9 3	.....
MISCELLANEOUS.									
3	Passenger boats	.....	.....	255	7	67	260	3 3 3	.....
59	Empty boats	.....	.....	6,038	220	.....	8,984	43 4 9	.....
4	Straw	185	80	607	21	.....	201	1 14 0	.....
1	Sugarcane mills	200	3,200	303	11	.....	55	0 9 0	.....
1	Furniture	50	90	134	6	.....	25	0 3 9	.....
13	Miscellaneous goods	3,770	15,420	6,103	182	.....	13,075	150 9 0	.....
1	Glass	80	50	141	6	.....	211	1 10 9	.....
3	Gunny	475	3,100	1,231	44	.....	2,721	28 1 9	.....
.....	Express tollage	.....	.....	.....	.....	.....	.....	0 15 6	.....
.....	Tollage on steamer hired out to Mr. Hodges	.....	.....	.....	.....	.....	.....	150 0 0	.....
177	Total	23,862	87,619	49,808	1,740	67	99,950	1,708 9 9	0 58
278	Total of same month last year	30,877	1,27,430	67,276	2,430	.....	152,805	2,770 13 0	0 84

(2)—STORES AND MATERIALS FOR IRRIGATION WORKS.

		Mds.	Rs.		Mds.		Rs. A. P.	A. P.
BUILDING MATERIALS.								
1	Brick	...	...	925	33	...	3 5 3	...
...	Hill bamboo, (1 raft)	...	70	...	...	...	1 0 0	...
1	Total	...	70	925	33	...	4 5 3	0 13
7	Total of same month last year	870	430	1,027	264	...	13 13 3	0 17

ABSTRACT.

		Mds.	Rs.		Mds.		Rs. A. P.
177	Private, including miscellane- ous	23,862	87,619	49,808	1,740	67	99,950
1	Government stores, including duty	...	70	925	33	...	4 5 3
178	Grand Total	23,862	87,689	49,733	1,768	67	99,043
...	Deduct error	...	...	...	...	...	6 14 3
...		...	...	...	...	...	1,707 9 9
215	Grand Total of same month last year	37,147	1,27,950	69,802	2,474	...	1,84,300

MEMO.

		Rs. A. P.
Unrecovered balance on the 1st of the month	...	70 7 6
Amount of tollage for the month	...	1,707 9 9
	Total	1,783 8 3
Amount credited in the accounts for the month	...	1,601 14 0
Balance at the end of month	...	181 10 3

LENGTH OF CANAL OPEN—22 MILES.

LOCAL TRAFFIC.

(1)-FBI/ATB.

(3)—STORES AND MATERIALS FOR IRRIGATION WORKS.

ABSTRACT.

МНО.

	MEMO.						RE. & F.	
Unrecovered balance on the 1st of the month	111	000	000	011	011		000	
Amount of tolls for the month	011	011	011	000	011		011	
							<hr/>	
							07 7 0	
Amount credited in the accounts for the month	011	000	000	111	011		07 7 0	
Balance at the end of the month	000	000	000	000	000		<hr/>	
							Nil.	

Arrah Canal.

LENGTH OF CANAL OPEN—65 MILES.

Number of boats.	Nature of Cargo.	APPROXIMATE		TONNAGE OF BOATS.		Number of passengers.	Ton-miles.	Tollage.	Rate of toll per ton-mile.
		Weight of cargo.	Value of cargo.	Maunder.	Tons.				

LOCAL TRAFFIC.

(1)—PRIVATE.

	ARTICLES OF FOOD.	Mds.	Rs.					Rs. A. P.	A. P.
1	Rice	87	104	147	5	200	2 11 9		
24	Jaggery	36,074	48,222	24,474	874	65,060	342 0 6		
25	Sugar	7,072	79,720	11,172	340	19,708	100 14 9		
25	Salt	5,011	15,033	8,511	301	15,518	140 2 6		
	STIMULANT.								
1	Tobacco	125	1,000	105	5	340	3 4		
	CLOTHING.								
1	Cotton piece-goods (Indian)	70	5,205	150	4	64	0 13 0		
	STAPLES OF MANUFACTURE.								
4	Linseed	1,720	5,160	2,520	80	6,178	45 11 3		
1	Flaxseed	120	360	230	7	400	4 0 0		
	BUILDING MATERIALS.								
1	Building stones	335	69	563	20	1,109	5 11 0		
2	Stone lime	321	80	421	15	870	9 12 0		
	Bullahs } (819,829 in number)						223 3 9		
	Bamboo }								
	FUEL.								
2	Coal and coke	702	551	902	32	672	3 9 0		
	MISCELLANEOUS.								
4	Passenger boats			18,840	400	18,220	80 2 3		
161	Empty boats			361	7	346	2 15 3		
2	Furniture	15	575	213	6	530	3 2 0		
	Received from Mr. Hodges through Dehra Workshops						204 0 0		
	Received from Buxar Division toll on three cargo-boats						102 0 0		
216	Tots	33,599	1,54,829	65,519	2,207	1,24,321	1,601 8 3	0 17	
212	Total of same month last year	30,618	99,801	45,245	1,012	79,805	1,047 12 9	0 37	

(2)—STORES AND MATERIALS FOR IRRIGATION WORKS.

	BUILDING MATERIALS.	Mds.	Rs.					Rs. A. P.	A. P.
1	Building stones	204	55	360	13	481	3 6 6		
1	Lime or Portland cement	35	70	162	5	126	1 5 6		
	MISCELLANEOUS.								
1	Empty boats			133	5	60	0 13 0		
2	Stores, &c.	284	50	458	16	924	8 13 0		
5	Total	505	100	1,123	40	1,613	14 5 3	0 17	
2	Total of same month last year	186	95	340	12	293	1 2 0	0 11	

ABSTRACT.

	Mds.	Rs.					Rs. A. P.	A. P.
216	Private, including miscellaneous	33,599	1,54,829	65,519	2,207	1,24,321	1,601 8 3	0 17
5	Government stores, including ditto	56	704	1,123	40	1,613	14 5 3	0 17
220	Grand Total	34,155	1,55,533	66,642	2,247	1,25,934	1,615 13 6	0 34
214	Grand Total of same month last year	30,618	99,801	45,245	1,012	79,805	1,047 12 9	0 37

Memo.

	Rs. A. P.
Unrecovered balance on the 1st of the month	79 3 9
Amount of tollage for the month	1,545 13 6
Total	1,625 1 5
Amount credited in the accounts for the month	1,590 15 0
Balance at the end of the month	14 5 3

Buzar Canal.

LENGTH OF CANAL OPEN—45 MILES.

Number of boats.	Nature of Cargo.	APPROXIMATE		TONNAGE OF BOATS.		Number of passengers.	Tonnage.	Tollage.	Rate of toll per ton-mile.
		Weight of cargo.	Value of cargo.	Maunder.	Tons.				

LOCAL TRAFFIC.

(1)—PRIVATE.

ARTICLES OF FOOD.		Mds.	Rs.				Rs. A. P.	A. P.
12	Rice	496	606	741	20	020	8 0 0	.....
1	Fruits and vegetables	300	200	400	11	770	8 12 0	.....
60	Jaggery	18,000	32,000	23,517	318	27,000	3 18 0	.....
1	Sugar	287	861	843	12	504	9 12 0	.....
BUILDING MATERIALS.								
1	Lime	315	75	800	14	770	4 8 0	.....
3	Rawl	750	50	1,000	87	312	5 15 0	.....
...	Reeds and burkabs—poles 7,423	.....	.....	.....	.....	.....	624 3 6	.....
...	Bullocks 140	.....	.....	.....	.....	.....	.....	.....
...	Bamboo 1,104,000 chowdhurs	.....	.....	.....	.....	.....	.....	.....
...	1,012, Greenwood 1,275	.....	.....	.....	.....	.....	.....	.....
MISCELLANEOUS.								
74	Empty boats .....	.....	.....	6,475	105	5,070	37 15 0	.....
...	Tollage of steamer received from Mr. Hodges .....	.....	.....	.....	.....	.....	150 0 0	.....
...	Fine realized .....	.....	.....	.....	.....	.....	1 0 0	.....
140	Total	20,153	54,537	31,316	1,116	30,552	1,098 0 0	0 3 0
20	Total of same month last year	9,834	21,040	17,530	620	16,617	973 8 0	0 7 7

(2)—STORES AND MATERIALS FOR IRRIGATION WORKS.

MISCELLANEOUS.		Mds.	Rs.				Rs. A. P.	A. P.
...	Empty boats	5	5	150	5	104	0 0 0	.....
...	Furniture	225	400	125	4	32	0 12 0	.....
...	Stores, &c.	200	402	725	11	396	4 7 8	.....
...	Total	200	402	600	20	530	5 12 6	0 2 0
...	Total of same month last year	375	900	700	24	744	7 0 3	0 0 2

ABSTRACT.

	Mds.	Rs.				Rs. A. P.	
142 Private, including miscellaneous	20,148	54,537	31,316	1,116	30,552	1,098 0 0	.....
5 Government stores, including ditto	330	402	600	20	530	5 12 6	.....
147 Grand Total	20,383	54,939	31,916	1,136	37,082	1,104 5 6	.....
148 Grand Total of same month last year	10,200	21,040	17,530	620	16,617	980 8 3	.....

MEMO.

	Rs. A. P.
Unrecovered balance on the 1st of the month	20 0 0
Amount of tollage for the month	1,104 5 6
Total	1,124 5 6
Amount credited in the accounts for the month	1,079 4 3
Balance at the end of the month	45 1 3

ABSTRACT FOR THE MONTH OF MARCH 1886.

CANAL.	TRAFFIC, 1885-86.		TRAFFIC, 1884-85.		REMARKS.
	During the month.	To end of the month.	During the corresponding month.	To end of the corresponding month.	
ORISSA CIRCLE.					
Taldanda	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
Khandapara	405 13 11	1,098 12 3	342 12 11	3,143 14 4	
High Level, Range I	6,180 10 7	48,403 8 6	5,287 15 0	50,847 13 7	
Do, ditto II	1,124 10 4	8,336 13 5	1,154 13 0	7,623 13 9	
Do, ditto III	521 6 0	3,654 4 7	475 5 0	3,108 8 3	
Do, ditto IIII	449 6 0	1,603 7 8	106 2 0	1,608 2 8	
Total Orissa Circle	8,751 0 0	64,408 14 0	7,461 1 2	64,417 0 4	
SOUTH-WESTERN CIRCLE.					
Midnapore	7,985 2 6	1,29,400 2 8	15,302 7 0	1,21,456 11 0	
Hidzhee Tidal	6,697 15 3	52,478 8 3	2,368 13 3	41,208 9 3	
Total South-Western Circle	12,683 1 9	1,75,885 10 0	17,729 4 3	1,62,755 4 3	
BOMBAY CIRCLE.					
Eastern Main	1,707 0 0	10,511 0 10	2,744 12 3	23,147 6 2	
Western Main	84 7 3	2,024 2 3	103 11 0	1,211 7 9	
Arrah	1,615 13 6	14,907 15 7	1,548 15 6	10,005 14 0	
Bulor	1,104 5 0	5,364 2 0	140 8 3	3,036 13 0	
Total Bombay Circle	4,415 11 0	41,707 4 6	5,417 15 0	37,307 12 3	
GRAND TOTAL	20,110 13 3	2,81,999 14 2	20,808 4 5	2,64,570 7 0	

GOVERNMENT TRANSPORT SERVICE.

CANAL.	TRAFFIC, 1885-86.						TRAFFIC, 1884-85.					
	During the month.			To end of the month.			During the corresponding month.			To end of the corresponding month.		
	Passengers.	Tons.	Total receipts.	Passengers.	Tons.	Total receipts.	Passengers.	Tons.	Total receipts.	Passengers.	Tons.	Total receipts.
ORISSA CIRCLE.												
Taldanda and Khandapara	No. Mds. Rs. A. P.	No. Mds. Rs. A. P.	No. Mds. Rs. A. P.	No. Mds. Rs. A. P.	No. Mds. Rs. A. P.	No. Mds. Rs. A. P.	No. Mds. Rs. A. P.	No. Mds. Rs. A. P.	No. Mds. Rs. A. P.	No. Mds. Rs. A. P.	No. Mds. Rs. A. P.	No. Mds. Rs. A. P.
High Level	1,109 3,923 1,023 12 0	13,425 41,557 10,257 2 5	7,237 7,590 2,147 14 0	10,024 29,121 13,163 12 1								
Total Orissa Circle	1,109 3,923 1,023 12 0	13,425 41,557 10,257 2 5	7,237 7,590 2,147 14 0	10,024 29,121 13,163 12 1								
SOUTH-WESTERN CIRCLE.												
Midnapore		81,206 38,004 3,421 11 3	13,845 1,282 760 0 0	107,677 10,709 9,000 0 0								
Total South-Western Circle		81,206 38,004 3,421 11 3	13,845 1,282 760 0 0	107,677 10,709 9,000 0 0								
BOMBAY CIRCLE.												
Eastern Main and Poona		3,550 135 0 0	44,102 1,578 4 3	4,075 258 10 0	5,420 31,104 6,208 9 2							
Western Main and Arrah		2,917 12,801 150 0 0	42,410 1,315 7 3	3,120 9 11	5,008 8,104 7,791 0 0							
Total Bombay Circle		3,917 17,951 285 0 0	42,410 1,315 7 3	4,608 14 2	4,075 258 4 0	10,420 17,223 14,904 10 4						
GRAND TOTAL		5,025 20,074 1,038 12 0	137,641 2,27,480 27,377 11 10	15,070 13,947 3,823 2 0	108,550 96,931 67,067 1 5							

TOTAL NAVIGATION RECEIPTS.

	TRAFFIC, 1886-86.		TRAFFIC, 1884-85.		REMARKS.
	During the month.	To end of the month.	During the corresponding month.	To end of the corresponding month.	
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
Orissa Circle	10,404 12 6	83,804 0 5	9,808 15 2	78,109 13 5	
Midnapore Canal	7,555 2 8	1,20,836 13 9	16,112 7 0	1,30,453 11 0	
Hidzhee Tidal Canal	5,697 15 8	62,478 8 3	2,500 13 3	41,208 9 3	
Bombay Circle	4,700 11 0	40,408 3 7	5,343 8 6	61,704 0 9	
GRAND TOTAL	28,056 9 3	2,05,577 10 0	24,481 6 11	2,10,627 8 4	

D. B. HORN,

Under-Secretary to the Govt. of Bengal.

CALCUTTA.
The 26th May 1886.

IRRIGATION BRANCH.

Statement showing heights over mean sea-level and low water in the Rivers Ganges, Jellinghee, and Brahmaputra, for the month of April 1886.

Date.	Miles.	RIVER GANGES.												RIVER JELLINGHEE.		RIVER BRAHMAPUTRA.	
		Mitapore.	Benares.	Buxar.	Patna.	From Benares.	From Buxar.	From Benares.	From Buxar.	From Benares.	From Buxar.	From Benares.	From Buxar.	From Benares.	From Buxar.	From Benares.	From Buxar.
1st	100	205.72	197.40	225	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30
2nd	100	205.72	197.40	225	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30
3rd	100	205.72	197.40	225	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30
4th	100	205.72	197.40	225	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30
5th	100	205.72	197.40	225	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30
6th	100	205.72	197.40	225	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30
7th	100	205.72	197.40	225	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30
8th	100	205.72	197.40	225	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30
9th	100	205.72	197.40	225	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30
10th	100	205.72	197.40	225	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30
11th	100	205.72	197.40	225	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30
12th	100	205.72	197.40	225	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30
13th	100	205.72	197.40	225	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30
14th	100	205.72	197.40	225	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30
15th	100	205.72	197.40	225	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30
16th	100	205.72	197.40	225	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30
17th	100	205.72	197.40	225	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30
18th	100	205.72	197.40	225	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30
19th	100	205.72	197.40	225	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30
20th	100	205.72	197.40	225	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30
21st	100	205.72	197.40	225	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30
22nd	100	205.72	197.40	225	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30
23rd	100	205.72	197.40	225	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30
24th	100	205.72	197.40	225	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30
25th	100	205.72	197.40	225	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30
26th	100	205.72	197.40	225	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30
27th	100	205.72	197.40	225	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30
28th	100	205.72	197.40	225	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30
29th	100	205.72	197.40	225	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30
30th	100	205.72	197.40	225	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30	171.30

D. B. HORN,
Under-Secy. to the Govt. of Bengal.

The 25th May 1886.

CIRCULAR AND EASTERN CANALS.

Approximate Return of the Traffic on the Circular and Eastern Canals for the week ending Saturday, the 22nd of May 1886.

Number of boats.	Nature of cargo.	Weight of cargo.		Tollage.
		Mds.	Rs.	
289	Rice and paddy	74,399	1,905	
14	Jute	9,000	166	
189	Firewood	99,000	1,453	
756	Other articles	3,04,111	3,792	
1,248	Total	4,86,510	6,751	

Nalhati State Railway.

Statement showing Increases and Decreases in maundage of Staples carried over the line during the month of April 1886, as compared with the corresponding period of April 1885.

STAPLES.	1885.		1886.		1885.	1886.	Increase.	Decrease.
	Up.	Down.	Up.	Down.	Total.	Total.		
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.		
XXX. 1 & 2. Silk and silk cloth		18	1	11	18	12		6
XIV. 2. Edible grains	31	10	41	103	43	160	103	
XXV. 1 & 2. Brass and bell-metal ware	7	1	5	1	8	6		2
XXXIII. 1 & 2. Sugar and jaggree	16		9		16	9		7
VIII. 4. Piece-goods	61		51		61	51		10
VII. Cotton	3		18		3	18		15
XXIX. 1 & 2. Seeds of all sorts	18	1	39	293	19	272	253	
VI. Coal	174		203		174	303	421	
XXXVIII. Sundries	65	32	125	72	87	197	110	
XXVII. Salt	18		4		18	4		14
XII. 1. Jute	75			1	75	1		74
XXXVIII. 1. Revenue stores	37	3	33	2	40	35		5
XXX. 1 & 2. Tusser cocoons			6			6		
Total	507	51	421	428	572	1,340	802	118

INCREASE.

	Tons.
Edible grains	103
This increase is due to fair crop in this year.	
Cotton	10
This increase is due to less import during previous month.	
Seeds of all sorts	253
This increase is due to fair market price of linseed at Calcutta.	
Coal	421
This increase is due to merchants not laying in stock during the rains as they used to do before; also to extensive brick-burning for repairs of buildings damaged by earthquake.	
Sundries	100
This increase is due to less import during the previous months; also to fair market price of onion and garlic at Calcutta.	
Tusser cocoon	6
This is a new traffic from Barakar.	

DECREASE.

	Tons.
Silk and silk cloth	6
This decrease is due to low rate.	
Sugar and Jaggree	7
This decrease is due to previous stock not being exhausted.	
Piece-goods	10
This decrease is due to distress prevailing in the district owing to the last inundation.	
Salt	14
This decrease is due to carriage by boats.	
Jute	74
This decrease is due to low rate.	

NALHATI, the 19th May 1886.

R. G. MOOKERJEE, Manager.

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 15th May 1886 on 1,515 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. B.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Traffic for the week...	213,225	2,70,979 2 6	29,44,808 10	7,44,028 6 0	29,731 7 8	10,37,759 15 0	69,737	130,960	197,703
per mile of railway...	178 13 10			482 5 10	13 11 2	684 15 10			
previous 12 weeks of half-year...	4,341,901	51,55,337 6 0	5,07,57,063 30	1,23,91,733 13 0	3,30,493 8 9	1,56,27,570 12 3	1,221,004	2,001,889	3,221,894
Total for 12 weeks...	4,044,089	51,23,310 8 0	5,36,80,445 8	1,31,37,772 5 0	4,02,247 15 9	1,83,63,336 11 3	1,389,741	2,222,863	3,612,607
COMPARISON.									
for corresponding week of previous year...	200,950	1,80,970 10 0	29,89,234 10	8,75,797 10 0	25,726 5 6	11,01,394 5 0	63,210	162,100	217,370
per mile of railway corresponding week of previous year...	130 4 7			599 3 1	19 0 6	729 8 2			
to corresponding date of previous year...	4,018,744	55,25,923 8 0	5,03,00,955 29	1,29,60,311 6 11	4,15,843 6 11	1,83,07,983 11 7	1,329,184	2,217,470	3,578,654

* The increase in coaching traffic is partly due to marriage ceremonies owing to the time being propitious, and partly to the running of extra troop trains to Calcutta and Ghazipur to Allahabad and Howrah, respectively.

Approximate Statement of gross receipts of the East Indian Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 10TH MAY 1885.			RECEIPTS FOR WEEK ENDING 15TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 10TH MAY 1885.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 15TH MAY 1886.			Total increase in 1886.	Total decrease in 1885.
Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.		
Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.
1,11,104	750	1,515	10,37,750	683	1,509	10,23,220	4,580	1,515	10,34,131	4,520			9,29,089

PATNA-GYA STATE RAILWAY

Approximate Return of Traffic for week ended 15th May 1886 on 57 1/2 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. B.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Traffic for the week...	13,584	6,153 8 0	54,108 30	4,003 8 0	52 0 0	10,208 14 0	1,430	694	2,124
per mile of railway...	237	107 0 8	948 0	69 15 10	0 11 7	178 7 5			
previous 12 weeks of half-year...	247,073	1,90,440 1 0	9,63,650 30	70,630 8 0	194 3 3	2,07,140 1 5	32,336	14,709	47,045
Total for 12 weeks...	200,657	1,41,016 9 0	10,47,750 20	74,653 14 0	1,040 8 3	2,17,314 15 3	34,706	15,843	50,549
COMPARISON.									
for corresponding week of previous year...	9,235	4,363 5 12	61,275 20	4,801 0 0	43 13 0	9,110 1 11	1,425	609	2,034
per mile of railway corresponding week of previous year...	161	74 8 8	1,072 10	83 15 2	0 12 10	153 4 3			
to corresponding date of previous year...	240,242	1,39,994 3 4	11,71,870 11	81,427 14 0	1,307 14 3	2,16,761 15 7	31,371	18,391	49,762

Approximate Statement of gross receipts of the Patna-Gya State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 10TH MAY 1885.			RECEIPTS FOR WEEK ENDING 15TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 10TH MAY 1885.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 15TH MAY 1886.			Total increase in 1886.	Total decrease in 1885.
Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.		
Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.
9,110	160	57 1/2	10,209	178	57 1/2	10,229	1,828	57 1/2	10,341	1,461		13,613	

DILDARNAGAR-GHAZIPUR STATE RAILWAY.

Approximate Return of Traffic for week ended 15th May 1886 on 12 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. c.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	8,748	554 6 0	23,757 20	888 10 0	64 0 0	1,507 0 0	3804	210	4014
Or per mile of railway ...	729	46 3 2	1981 10 0	74 0 10	5 3 4	125 9 4	317	17	334
For previous 18 weeks of half-year ...	48,479	8,259 10 0	8,21,992 30	10,558 6 0	630 10 3	10,440 9 3	4,174	4,433	8,607
Total for 19 weeks ...	51,720	8,817 0 0	8,45,750 10	11,446 16 0	745 10 3	20,967 9 3	4,454	4,600	9,054
COMPARISON.									
Total for corresponding week of previous year ...	2,354	304 12 0	24,501 30	1,052 13 0	100 6 6	1,578 0 3	87	330	417
Per mile of railway corresponding week of previous year ...	196	32 14 5	2041 10 0	87 3 0	8 5 10	131 9 0	7	33	40
Total to corresponding date of previous year ...	40,6104	8,100 5 10	4,04,939 20	11,797 5 0	1,397 0 3	21,110 11 1	2,080	3,046	5,126

Approximate Statement of gross receipts of the Dildarnagar-Ghazipur State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 16TH MAY 1885.			RECEIPTS FOR WEEK ENDING 15TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 15TH MAY 1885.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 15TH MAY 1886.			Total increase in 1886.	Total decrease in 1885.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Rs.	Rs.
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
12	1,578	132	12	1,507	126	12	8,808	742	12	8,640	721	.....	20

SINDIA STATE RAILWAY.

Approximate Return of Traffic for week ended 15th May 1886 on 742 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. c.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	2,965	4,327 11 0	69,404 30	3,006 5 0	107 0 0	7,441 0 0	625	770	1,395
Or per mile of railway ...	4	5 13 8	935 10 0	4 3 1	1 6 11	10 7 8	84	100	184
For previous 18 weeks of half-year ...	102,921	83,149 1 0	14,23,318 30	41,799 9 0	1,961 6 6	1,40,930 0 6	21,2104	20,8721	42,0825
Total for 19 weeks ...	108,886	87,476 12 0	14,92,718 20	47,805 14 0	2,069 6 6	1,57,351 0 6	21,8444	21,6481	43,4925
COMPARISON.									
Total for corresponding week of previous year ...	4,241	3,151 15 0	72,030 20	2,705 6 0	78 4 0	8,915 4 0	1,104	1,300	2,404
Per mile of railway corresponding week of previous year ...	5	4 0 7	97 10 0	3 5 0	1 0 10	12 0 5	148	173	321
Total to corresponding date of previous year ...	112,442	94,970 7 7	17,94,847 0	78,651 2 3	2,688 6 0	1,76,307 15 10	20,250	21,322	41,572

Approximate Statement of gross receipts of the Sindia State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 16TH MAY 1885.			RECEIPTS FOR WEEK ENDING 15TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 15TH MAY 1885.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 15TH MAY 1886.			Total increase in 1886.	Total decrease in 1885.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Rs.	Rs.
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
742	5,915	79	742	7,441	80	742	48,216	647	742	60,690	818	2,476	.....

TARKESWAR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 16th May 1886 on 22½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Traffic for the week...	18,455	4,544 11 0	6,839 0	264 5 0	5 0 0	4,848 0 0	818	50	868
per mile of railway...	206 0 10			11 9 9	0 3 7	21 14 2			
previous 15 weeks of half-year...	371,000	1,01,321 0 0	2,04,120 30	7,232 11 6	112 7 5	1,05,656 11 5	17,543	3,045	20,588
Total for 15 weeks...	389,455	1,05,206 4 0	2,14,959 30	7,496 0 0	117 7 5	1,13,604 11 5	18,501	3,076	21,577
COMPARISON.									
for corresponding week of previous year...	10,712	4,220 8 4	14,343 0	471 6 0	2 9 5	4,703 4 7	1,024	76	1,100
per mile of railway...		192 3 11		21 6 10	0 1 10	213 12 7			
previous year...	414,700	1,12,305 10 7	3,62,031 0	8,067 14 0	125 9 3	1,20,580 1 30	20,514	4,682	25,196

Approximate Statement of gross receipts of the Tarkeswar Branch Railway, prepared in accordance with Public Works Department Circular No. XXI. Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 16th MAY 1886.			RECEIPTS FOR WEEK ENDING 15th MAY 1885.			TOTAL RECEIPTS FROM 1st APRIL 1885 TO 16th MAY 1886.			TOTAL RECEIPTS FROM 1st APRIL 1885 TO 15th MAY 1885.			Total increase in 1886.	Total decrease in 1885.
Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.		
Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.
4,703	214	224	4,848	218	22	40,778	1,854	224	11,356	1,852	578		

CAWNPORE-KALPI RAILWAY.

Approximate Return of Traffic for week ended 8th May 1886 on 42 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Traffic for the week...	2,303	1,128 12 9	11,954 20	1,806 7 0	13 0 0	3,005 9 9	273	316	589
per mile of railway...		20 12 1		44 7 0	0 5 0	71 8 1			
previous 5 weeks of half-year...	11,703	5,420 11 9	93,994 10	0,184 5 0	21 0 0	14,626 1 9	1,622	1,670	3,292
Total for 6 weeks...	14,006	6,548 5 8	105,948 30	11,050 12 5	34 0 0	17,652 5 8	1,795	1,986	3,781

Approximate Statement of gross receipts of the Cawnpore-Kalpi Railway, prepared in accordance with Public Works Department Circular No. XXI. Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 8th MAY 1886.			RECEIPTS FOR WEEK ENDING 15th MAY 1885.			TOTAL RECEIPTS FROM 1st APRIL 1885 TO 8th MAY 1886.			TOTAL RECEIPTS FROM 1st APRIL 1885 TO 15th MAY 1885.			Total increase in 1886.	Total decrease in 1885.
Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.		
Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.
		46	3,005	72				12	17,026	420			

DACCA STATE RAILWAY.

Approximate Return of Traffic for week ended the 8th May 1886 on 85 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	MDS. B.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	9,101	3,100 0 0	2,047 0	441 0 0	57 0 0	3,658 0 0	950	1,827	2,777
Or per mile of railway	106	37 0 0	31 0	5 0 0	1 0 0	43 0 0	11	21	23
For previous 18 weeks of half-year	173,306	46,042 0 0	1,70,482 0	27,546 0 0	4,021 0 0	78,509 0 0*	14,110	27,093	41,203
Total for 19 weeks	172,407	49,142 0 0	1,82,120 0	27,987 0 0	4,078 0 0	82,167 0 0	15,060	28,920	43,980
COMPARISON.									
Total for corresponding week of previous year	4,474	642 15 3	1,18,235 0	1,157 3 4	40 2 0	1,840 4 3	272	1,146	1,418
Per mile of railway corresponding week of previous year	447	64 4 9	1,18,235 0	110 12 6	4 0 2	184 0 5	27	115	142
Total to corresponding date of previous year	85,274	13,888 0 0	21,82,500 0	23,315 2 10	423 11 0	37,323 15 10	4,972	22,090	27,062

* Corrected by actuals up to week ending 3rd April 1886.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Dacca State Railway.

RECEIPTS FOR WEEK ENDING 8TH MAY 1886.			RECEIPTS FOR WEEK ENDING 8TH MAY 1885.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 9TH MAY 1885.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 8TH MAY 1886.			Total increase in 1886.	Total decrease in 1886.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
10	1,840	194	86	3,068	43	10	11,671	105	83	20,872*	52	16,281	

* Corrected by actuals for three days of April 1886.

DACCA STATE RAILWAY.

Approximate Return of Traffic for the week ended 15th May 1886 on 86 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	MDS. B.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	8,373	2,780 0 0	3,084 0	452 0 0	55 0 0	3,294 0 0	950	1,827	2,777
Or per mile of railway	100	33 0 0	36 0	5 0 0	1 0 0	38 0 0	11	21	23
For previous 19 weeks of half-year	172,407	46,368 0 0	1,82,120 0	27,795 0 0	4,030 0 0	82,043 0 0	15,060	27,093	42,153
Total for 20 weeks	180,980	52,158 0 0	1,85,217 0	28,247 0 0	4,085 0 0	85,367 0 0	16,010	31,497	47,507
COMPARISON.									
Total for corresponding week of previous year	4,443	625 7 0	1,18,235 0	1,168 2 0	0 2 0	1,802 11 0	272	1,304	1,576
Per mile of railway corresponding week of previous year	445	62 8 0	1,18,235 0	116 13 0	0 14 7	180 4 4	27	128	155
Total to corresponding date of previous year	99,723	14,213 7 6	21,00,768 0	24,453 4 10	431 13 0	35,128 9 4	5,244	23,304	28,548

* Corrected by actuals up to week ending 10th April 1886.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Dacca State Railway.

RECEIPTS FOR WEEK ENDING 10TH MAY 1886.			RECEIPTS FOR WEEK ENDING 10TH MAY 1885.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 10TH MAY 1885.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 10TH MAY 1886.			Total increase in 1886.	Total decrease in 1886.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
10	1,806	190	84	3,234	38	10	12,474	104	96	34,071*	60	16,697	

* Corrected by actuals up to week ending 10th April 1886.

KAUNIA AND DHURLLA STATE RAILWAY.

Approximate Return of Traffic for week ended 15th May 1886 on 37 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Hds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Traffic for the week ...	1,775	671 0 0	2,329 0	203 0 0	917 0 0	1,791 0 0	259	250	518
per mile of railway ...	48	18 0 0	63 0	5 0 0	...	23 0 0	7	7	14
previous 10 weeks of half- ...	87,348	17,063 0 0	55,800 5	1,508 0 0	27,798 0 0	48,567 0 0	4,736	4,736	9,472
Total for 20 weeks ...	89,123	17,734 0 0	58,219 0	4,011 0 0	28,715 0 0	50,308 0 0	4,995	5,013	10,008
COMPARISON.									
For corresponding week of ...	1,414	1,105 0 0	1,837 0	214 0 0	1,732 0 0	3,051 0 0	259	250	518
per mile of railway correspond- ...	38	30 0 0	50 0	6 0 0	...	36 0 0	7	7	14
week of previous year ...	...	...	...	...	...	...	...	...	...
to corresponding date of ...	33,813	23,233 0 0	44,911 0	3,994 0 0	35,778 0 0	65,008 0 0	5,432	5,032	10,464

* Corrected by audited figures up to week ending 3rd April 1886.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Kaunia and Dhurlla State Railway.

RECEIPTS FOR WEEK ENDING 16TH MAY 1885.	RECEIPTS FOR WEEK ENDING 15TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 15TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 15TH MAY 1885.			Total increase in 1886.	Total decrease in 1885.
Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	
Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
9,051	82	37	1,791	48	37	20,276	78	37	14,226*	63	4,050

* Corrected up to the latest possible date by actuals.

TIRHOOT STATE RAILWAY.

Approximate Return of Traffic for the week ending 15th May 1886 on 246 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Hds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Traffic for the week on 246 ...	20,890	13,131 9 7	1,57,119 20	14,223 7 0	2,052 5 10	30,306 0 5	3,872	4,432	11,304
open ...	102	54 5 0	639 0	57 13 0	2 4 0	111 4 0	...	...	...
per mile of railway ...	84,634	2,20,332 6 5	23,18,931 20	2,33,022 9 0	51,012 10 2	5,04,867 9 7	33,846	90,367	1,24,213
previous 10 weeks of half- ...	...	...	...	...	...	...	...	...	...
at 10 weeks ...	673,950	2,34,834 0 0	24,76,971 0	2,47,845 0 0	53,463 0 0	6,35,473 0 0	89,518	93,700	1,83,218
COMPARISON.									
For corresponding week of ...	90,804	2,398 7 10	1,77,317 20	18,005 0 0	4,862 10 8	32,114 2 8	3,958	4,328	9,186
per mile of railway correspond- ...	116	30 14 0	785 0	83 10 0	4 13 0	125 0 0	...	...	...
week of previous year ...	...	...	...	...	...	...	...	...	...
to corresponding date of ...	574,103	2,14,342 10 7	20,50,440 20	2,30,843 12 3	60,030 4 1	3,20,221 10 11	85,284	95,500	1,80,784

* Steam-boat earnings excluded in calculating "Total earnings per mile of railway."

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Tirhoot State Railway, prepared in accordance with Public Works Department Circular No. XXI Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 16TH MAY 1885.	RECEIPTS FOR WEEK ENDING 15TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 15TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 15TH MAY 1885.			Total increase in 1886.	Total decrease in 1885.
Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	
Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.
32,114	142	246	30,006	124	230	1,92,076	881	246	1,05,576	836	8,500

NALHATI STATE RAILWAY.

Approximate Return of Traffic for the week ending 15th May 1886 on 27½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES.	
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.
		Rs. A. P.	Mds. Str.	Rs. A. P.	Rs. A. P.	Rs. A. P.		
Total traffic for the week	2,447	938 7 9	7,022 10	636 1 0	21 3 5	1,600 12 3	509	254
Or per mile of railway	89	34 4 0	256 0	23 4 0	0 12 0	57 4 0	.....	.....
For previous 15 weeks of half-year	47,120	18,492 8 2	1,51,478 30	11,438 15 0	378 12 6	30,740 3 0	9,307	4,706
Total for 10 weeks	49,567	19,430 0 0	1,59,501 40	12,074 0 0	400 0 0	31,801 0 0	9,816	5,060
COMPARISON.								
Total for corresponding week of previous year	2,261	1,009 7 0	3,514 0	338 15 0	33 7 6	1,401 15 6	500	254
Per mile of railway corresponding week of previous year	84	37 1 0	129 0	13 3 0	1 3 0	51 7 0	.....	.....
Total to corresponding date of previous year	51,493	20,929 12 2	69,207 10	6,508 0 0	600 4 0	28,187 0 2	9,849	4,935

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Nalhati State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 16TH MAY 1886.			RECEIPTS FOR WEEK ENDING 16TH MAY 1885.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 16TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1884 TO 16TH MAY 1885.			Total increase in 1886.	Total decrease in 1885.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.
37½	Rs. 1,402	Rs. 51	27½	Rs. 1,541	Rs. 57	Rs. 2,574	Rs. 831	27½	Rs. 11,245	Rs. 413	.....	Rs. 1,671	.....

EASTERN BENGAL STATE RAILWAY.

Approximate Return of Traffic for week ended 8th May 1886 on 234 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated), including steam boat.	Total earnings.	TRAFFIC TRAIN-MILES.	
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.		
Total traffic for the week	84,656	31,206 0 0	3,07,606 0	43,642 0 0	8,573 0 0	52,124 0 0	10,093	7,421
Or per mile of railway	362	142 0 0	1,314 0	186 0 0	36 0 0	228 0 0	.....	.....
For previous 17 weeks of half-year	1,640,067	6,91,409 4 0	69,94,161 0	7,84,307 0 0	89,616 0 0	15,65,192 0 0	185,330	170,790
Total for 18 weeks	1,724,723	7,14,418 0 0	73,01,868 0	8,27,949 0 0	94,689 0 0	16,57,516 0 0	195,423	178,211
COMPARISON.								
Total for corresponding week of previous year (audited)	112,119	35,530 0 0	2,59,578 0	36,686 0 0	8,800 0 0	79,043 0 0	11,836	7,421
Per mile of railway corresponding period of previous year	481	153 0 0	1,110 0	157 0 0	37 0 0	338 0 0	.....	.....
Total to corresponding date of previous year	1,871,823	8,09,574 0 0	81,92,996 0	7,29,189 0 0	9,27,788 0 0	20,21,351 0 0	1,214,994	1,04,630

* Audited up to week ending 13th March 1886.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Eastern Bengal State Railway.

RECEIPTS FOR WEEK ENDING 9TH MAY 1886.			RECEIPTS FOR WEEK ENDING 5TH MAY 1885.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 9TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1884 TO 5TH MAY 1885.			Total increase in 1886-87.	Total decrease in 1885-87.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.
234	Rs. 79,045	Rs. 339	234	Rs. 62,124	Rs. 265	Rs. 15,01,368	Rs. 2,161	234	Rs. 4,45,605	Rs. 1,918	.....	.....	.....

EASTERN BENGAL STATE RAILWAY.

Approximate Return of Traffic for the week ended 15th May 1886 on 234 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated) including steam boat.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	79,071	20,890 0 0	2,53,602 0	31,530 0 0	4,905 0 0	60,325 0 0	70,990	7,440	18,130
Or per mile of railway ...	325	124 0 0	1,164 0	139 0 0	.....	257 0 0	.....	.....	.....
For previous 18 weeks of half-year ...	1,724,707	7,14,761 0 0	73,61,620 0	8,35,174 0 0	1,00,000 0 0	16,50,934 0 0	186,012	174,121	374,133
Total for 18 weeks ...	1,800,774	7,45,651 0 0	76,15,222 0	8,70,004 0 0	1,05,894 0 0	17,20,149 0 0	206,762	195,541	392,263
COMPARISON.									
Total for corresponding week of previous year (audited) ...	75,830	80,244 0 0	2,58,023 0	38,025 0 0	6,302 0 0	75,471 0 0	11,230	8,025	19,303
Per mile of railway corresponding period of previous year ...	325	130 0 0	1,110 0	167 0 0	.....	297 0 0	.....	.....	.....
Total to a corresponding date of previous year ...	1,956,662	8,64,618 0 0	80,41,621 0	7,04,114 0 0	4,54,080 0 0	20,58,622 0 0	244,264	172,662	398,936

* Audited up to week ended 3rd April.

FINANCIAL YEAR.

Approximate Statement of Gross Receipts of the Eastern Bengal State Railway.

RECEIPTS FOR WEEK ENDING 10TH MAY 1886.			RECEIPTS FOR WEEK ENDING 10TH MAY 1885.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 10TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 10TH MAY 1885.			Total increase in 1886-87.	Total decrease in 1885-87.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
234	75,471	326	234	80,244	347	230	6,76,880	2,470	214	5,18,388	2,215	.....	88,471

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 8th May 1886 on 126 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	21,004	9,265 0 0	31,000 0	2,240 0 0	42 0 0	11,547 0 0	3,560	1,034	5,210
Or per mile of railway ...	172	74 0 0	254 0	18 0 0	.....	91 0 0	.....	.....	.....
For previous 18 weeks of half-year ...	413,943	1,87,909 0 0	6,38,114 0	31,343 0 0	440 0 0	1,70,290 0 0	63,820	47,418	91,638
Total for 18 weeks ...	435,007	1,97,235 0 0	6,70,112 0	34,123 0 0	482 0 0	1,81,838 0 0	67,407	52,442	95,849
COMPARISON.									
Total for corresponding week of previous year (audited) ...	27,007	8,103 0 0	22,499 0	1,631 0 0	58 0 0	9,792 0 0	4,443	936	1,328
Per mile of railway corresponding period of previous year ...	210	64 0 0	170 0	13 0 0	.....	77 0 0	.....	.....	.....
Total to a corresponding date of previous year ...	432,770	1,84,100 0 0	6,77,241 0	31,287 0 0	630 0 0	1,86,736 0 0	76,581	19,408	95,989

* Audited up to week ending 13th March 1886.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Bengal Central Railway.

RECEIPTS FOR WEEK ENDING 9TH MAY 1886.			RECEIPTS FOR WEEK ENDING 9TH MAY 1885.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 9TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 9TH MAY 1885.			Total increase in 1886-87.	Total decrease in 1885-87.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
126	9,791	78	126	11,547	92	126	59,431	478	126	55,765	443	.....	3,666

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 15th May 1886 on 126 miles open.

	COACHING TRAFFIC		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated.)	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Reaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. H.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	22,434	7,831 0 0	26,964 0	2,433 0 0	30 0 0	10,314 0 0	5,696	1,624	5,970
Or per mile of railway	178	62 0 0	219 0	20 0 0		82 0 0			
For previous 16 weeks of half-year	435,607	1,54,578 0 0	6,70,112 H	30,254 0 0	680 0 0	1,94,810 0 0*	67,407	29,443	66,440
Total for 16 weeks	458,041	1,62,407 0 0	6,98,066 0	41,707 0 0	610 0 0	2,04,633 0 0	70,693	31,066	102,429
COMPARISON.									
Total for corresponding week of previous year (as found)	21,945	7,564 0 0	22,780 0	1,350 0 0	42 0 0	9,765 0 0	4,177	1,201	5,178
Per mile of railway corresponding period of previous year	182	59 0 0	190 H	11 0 0		80 0 0			
Total to corresponding date of previous year	455,715	1,71,524 0 H	5,60,290 0	33,287 0 0	681 0 0	2,08,462 H 0	60,754	20,609	101,467

* Audited up to week ended 3rd April.

FINANCIAL YEAR.

Approximate Statement of Gross Receipts of the Bengal Central Railway.

RECEIPTS FOR WEEK ENDING 15TH MAY 1885.			RECEIPTS FOR WEEK ENDING 15TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 15TH MAY 1885.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 15TH MAY 1886.			Total increase in 1885-87.	Total decrease in 1885-87.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
126	9,750	69	120	10,314	82	126	69,177	541	126	66,009	524		1,878

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

Approximate earnings for week ending 8th May 1886...	Rs. A. P.
Corresponding week last year	10,415 0 0
Increase	8,783 0 0
Receipts from 1st January to 8th May 1886	1,632 0 0
Do from 1st January to 9th May 1885	1,44,877 0 0
Increase	1,34,304 0 0
	10,578 0 0
Miles open week ending 8th May 1886	Miles.
Corresponding week last year	504
	504
Receipts per mile open week ending 8th May 1886	Rs. A. P.
Corresponding week last year	205 3 7
Increase	173 1 1
	32 2 8

SECRETARY'S OFFICE, Darjeeling, the 15th May 1886.

W. STEVENSON, Secretary.

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

Approximate earnings for week ending 15th May 1886	Rs. A. P.
Corresponding week last year	11,339 0 0
Increase	8,199 0 0
Receipts from 1st January to 15th May 1886	3,140 0 0
From 1st January to 16th May 1885	1,56,346 0 0
Increase	1,42,504 0 0
	15,842 0 0
Miles open week ending 15th May 1886	Miles.
Corresponding week last year	504
	504
Receipts per mile open week ending 15th May 1886	Rs. A. P.
Corresponding week last year	223 5 10
Increase	161 9 2
	61 13 8

SECRETARY'S OFFICE, Darjeeling, the 22nd May 1886.

W. STEVENSON, Secretary.



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, JUNE 2, 1886.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE may receive the SUPPLEMENT separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.

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RESOLUTION ON THE CHEMICAL EXAMINER'S REPORT FOR 1885.

MUNICIPAL DEPARTMENT—MEDICAL.

Dated Darjeeling, the 22nd May 1886.

RESOLUTION.

READ—

A letter from the Inspector-General of Civil Hospitals, Bengal, No. 2343, dated the 8th April 1886, forwarding the report of the Chemical Examiner for the year 1885.

Read also—

The Report for 1884 and the Resolution recorded on it.

There has been some delay in the submission of the report: it was due on the 1st March, but it did not reach Government until the 9th April. Dr. L. A. Waddell officiated as Chemical Examiner for the greater part of the year. He was relieved in the middle of November by Dr. C. J. H. Warden, who had been absent for eighteen months on furlough and the report is written by the latter officer.

2. The following table shows the general nature of the work done during the year compared with that of the two preceding years:—

	1st April to 31st December 1885.	1884.	1883.
<i>Medico-legal—</i>			
Human viscera tested for poison ...	117	217	284
Animal ditto ...	76	137	193
Substances suspected to be, or to contain, poison, including cattle-poison ...	316	787	780
Articles tested for blood stains ...	143	148	205
Ditto for seminal stains ...	26	39	25
Potable waters ...	44	46	57
Petroleum and inflammable oils ..	42	67	41
Lime-juice ...	51	64	41
Opium, confiscated ...	23	171	41
Opium, from Board of Revenue ...	.....	171	.....
Salt ..	■	50	.....
Spirit for deleterious adulterations ...	19	117	14
Spirit determination for the Collector of Customs ...	61	132	53
<i>Articles tested for purity and quality —</i>			
For Small Arms Ammunition Factory,			
Dum-Dum ...	191	496	538
Fort William Arsenal ...	1	15	2
Islapore and Cossipore Shell Factory ...	2	2	7
Medical Store Department ...	15	17	15
Commissariat Department ...	37	41	44
others ...	34	28	53
Total ...	1,211	2,749	2,343

In addition to the above, eight special opinions were furnished on technical matters during the year, and two memoranda on the Petroleum Bill and the Explosives Act.

3. In the analytical work there was a decrease of 406 cases as compared with the previous year. The decrease is specially noticeable under the heads of "Opium," "Salt," and "Spirit for deleterious adulterations." It is explained that in the report for 1884 the physical examination of 171 balls of opium was included in the list of analyses performed, whereas the cakes had only been handled to ascertain their freedom from grubs, &c. The decrease under the head of "Spirit for deleterious adulterations" is due to the fact that in 1884 an exceptionally large number of samples were examined for the Excise Commission, which represented work out of the usual routine of the department. Dr. Warden's report on the analysis of Australian and Kashmir wines is of much interest. He writes: "The Kashmir clarets compare most favourably with the imported clarets; and when we are acquainted with the extent to which French wines are adulterated, it becomes a matter of surprise that our locally manufactured wines are not largely used; but, as a matter of fact, probably 99 out of 100 consumers of claret in India have never heard of Kashmir claret."

4. During the year under report 284 human viscera were examined against 217 in 1884. Of these, poison was detected in 107 cases, giving a percentage of 45.72 against 38.25 in the previous year, the corresponding average of the past ten years being 42.6. It is satisfactory to notice the decrease in the number of autopsies conducted by Civil Hospital Assistants. In 1882-83 they performed 49 per cent. of the *post-mortem* examinations; in 1883, 14.9 per cent.; in 1884, 8.9 per cent.; and in 1885, 6.8 per cent.

5. Seven hundred and eighty articles suspected to be, or to contain, poison were submitted for examination during the year. Out of these, 394 were found to contain poison, giving a percentage of 50.5 against 47.7 and 33.4 in the two preceding years. One hundred and ninety-three animal viscera were examined against 137 in 1884 and 76 in the nine months of 1883. Poison was detected in 142 cases, and in all these, as in the previous year, death was caused by arsenic poisoning.

6. The Chemical Examiner reports that there was some improvement in the manner in which accounts of *post-mortem* examinations were submitted to him during the year, as well as in the mode of packing parcels containing articles for analysis. Officers conducting *post-mortem* examinations, and forwarding viscera, &c., for chemical analysis, should carefully adhere to the instructions on this important subject.

7. In paragraph 44 of his report, the Chemical Examiner represents the necessity of making certain alterations in the Laboratory. This matter should form the subject of a separate communication.

8. It is creditable to Dr. Warden that during a considerable period of his furlough in Europe he devoted himself to investigations on Indian indigenous drugs, and that he can report, after communication with Dr. Stevenson, the Official Analyst to the Home Office in London in medico-legal cases, that the rules for the guidance of medical officers in similar cases here, and the medico-legal return forms in use in Bengal, are excellently adapted for their purpose.

ORDER—Ordered that a copy of the Resolution, with a copy of the Report, be submitted to the Government of India, in the Home Department, for information.

Ordered also that a copy of the Resolution be forwarded to the Inspector-General of Civil Hospitals, Bengal, for information and for communication to the Chemical Examiner.

By order of the Lieutenant-Governor of Bengal,

R. H. WILSON,

Offg. Secretary to the Govt. of Bengal.

No. 2343, dated Calcutta, the 8th April 1886.

From—A. J. COWIE, Esq., M.D., Inspector-General of Civil Hospitals, Bengal,
To—The Secretary to the Government of Bengal, Municipal Department.

I HAVE the honour to submit the report of the Chemical Examiner for the calendar year 1885, with appendix. The report has been written by Dr. Warden, who returned from furlough on the 14th November 1885. Dr. Waddell officiated as Chemical Examiner from 1st January to 13th November of that year.

2. The Government order is that the report should be submitted not later than the 1st March every year, and in order to do so, I find the 31st January as the latest date it should be sent to my office. February was therefore available for checking and printing the report. This year the report was received in my office on the 27th February, or two days only before the date it ought to have been forwarded to Government.

3. Dr. Warden explains the delay in a letter No. 202A, dated 23rd March 1886, a copy of which I beg to enclose. From the 27th February much time has been occupied in checking the figures and printing, thus leaving but a short while in which to review the report.

4. The total number of analyses performed in 1885 was 2,343, or a decrease of 406 as compared with the work done in 1884.

5. The increase and decrease in the past ten years may be seen from the following figures :—

1876-77	...	...	...	1,172 Analyses.	
1877-78	...	...	...	1,182 An increase of	10.
1878-79	...	...	...	1,648 Ditto of	466.
1879-80	...	...	...	1,578 A decrease of	70.
1880-81	...	...	...	1,470 Ditto of	108.
1881-82	...	...	...	1,900 An increase of	430.
1882-83	...	...	...	2,133 Ditto of	233.
1883 (nine months)	...	...	...	1,311 A decrease of	822.
1884	...	...	...	2,749 An increase of	1,538.
1885	...	...	...	2,343 A decrease of	406.

6. In the year under review a large decrease took place. This is remarkable. The decrease is specially noticeable under the heads of "Opium," "Salt," and "Spirits for deleterious adulterations." There is an increase under every other head, except—

- "Substances suspected to be or to contain poison, including cattle-poison."
- "Articles tested for seminal stains."
- "Petroleum and inflammable oils."
- "Lime-juice."
- "Spirit determination for the Collector of Customs."

Among articles tested for purity and quality, the following show a decrease :—

"Fort William Arsenal."

"Medical Store Department."

7. Dr. Warden explains that in the report for 1884, which was written by Dr. Waddell, "the physical examination of 171 balls of opium was recorded as 171 analyses, whereas the cakes had merely been handled to ascertain their freedom from grubs, &c, and were not subjected to chemical analysis."

Medico-legal analyses have increased.

In 1884 there were 1,328 cases.

In 1885 there were 1,437 cases, or an increase of 109 cases.

8. Two hundred and thirty-four specimens of human viscera were examined, against 217 in the preceding year, showing an increase of 17. In 107 instances poison was detected, or in 45.72 per cent. The result is satisfactory when compared with the poison detected in a total number of 2,439 viscera examined during the decennial period from 1875 to 1885, which was 42.6 per cent. only.

9. It is gratifying to note that Dr. Warden has no cause to complain this year of the manner in which the records of *post-mortems* have been submitted to him. He, however, intimates that in one district (Furreadpore) the amount of viscera despatched for examination was insufficient. The attention of the medical officers concerned will be drawn to this.

10. The animal viscera examined during the year was 193, against 137 in the previous year. The increase is represented by 56 cases. It is much larger than that of any of the previous years.

11. The percentage of cases in which poison was detected is thus exhibited :—

					Poison.	No poison.
1884	...	...	...	...	67.8	32.1
1885	...	...	...	...	73.4	26.4

Arsenic is still the chief poison employed in the destruction of cattle. Of the 281 substances received, suspected to be employed for cattle-poisoning, 176 contained arsenic.

12. Dr. Warden still urges the desirableness of legislation to restrict the sale of poisons. He says: "there does not appear to be any valid reason why an attempt should not be made to restrict the sale of some, if not of all, poisons." The difficulty in the matter is this, and it has been sufficiently illustrated by the Government, viz. that "poisonous substances exist in every hedge and garden throughout the country." No Act therefore prohibiting their sale could touch the matter, when there is no need to purchase the majority of such poisons. Take the Abrus, or Indian licorice, as the chief and best known substance used in cattle-poisoning. The plant grows everywhere. I admit, however, that the sale of some poisons could be restricted, and notably the common mineral arsenic. Still, even here, if the sale of arsenic were subjected to the same rules as in the case of sulphur, I fear trade might suffer, as this article is very largely used in preparing skins for the market.

13. I do not think that cattle-poisoners will resort very largely to the use of vegetable poisons in lieu of arsenic, "from its being known to *hakeems* and native druggists that, while minute traces of any mineral poison can be unerringly detected, most vegetable substances defy analysis in the present state of chemical science," because the latter is cheap, can be readily

strewn about the grass where cattle feed, and it is known to retard decomposition in the carcass of the animal destroyed by it. The increased exhibition of vegetable poisons, however, in other directions, I fear, we may expect, and Dr. Warden notes that they are now being more resorted to.

14. The note on the analyses of Australian and Kashmir manufactured wines is full and very interesting.

15. The increased examination of water is satisfactory. There were 57 examinations as against 46 in the previous year.

16. Dr. Warden devoted much of his time while on furlough in practical work in the chemical laboratories in Berlin. He also continued his investigations in Indian indigenous drugs, &c. The interest displayed in his profession, and the good work accomplished, is highly creditable to him.

17. In No. 1774T—M, dated 14th September 1885, the Government sanctioned the appointment of an assistant to the laboratory. I have placed Baboo Romanath Dey in the post on probation. Dr. Warden complains that he has no one to take the place of Assistant Surgeon Tara Prasanna Roy, should he through any cause be incapacitated. Dr. Warden knows perfectly well that practical chemists are not to be met with in Calcutta lying around loose. He must educate the man he needs himself. This he acknowledges, and practically this is what is being done. He considers, however, that "the department is still decidedly under-officered." The scope and work in the department steadily increases, and we must undoubtedly be prepared to augment the staff from time to time proportionately. The accommodation, too, will have to be seen to. Possibly a re-arrangement of the rooms and economising space may meet present difficulties. In consultation with the Department Public Works much, I think, might be done in this direction. I quite approve of Dr. Warden's request that sanction may be given for the construction of 20 separate closets. They are very necessary. The cost is not to exceed Rs. 900, which is not excessive.

18. The title of Assistant Chemical Examiner to Government cannot now be altered, unless section 510 of the Criminal Procedure Code is amended.

19. The amount of laborious work accomplished during the year is satisfactory, and the report is full and interesting.

Rainfall, Weather, and State and Prospects of the Crops

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government during the week ending the 20th May 1886.

No.	District, and date of report.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL.			
<i>Western Districts.</i>			
Barrackpore Div.	1 Baranwan, May 29 '86	8.30	Weather—cool for the season. Both <i>aman</i> and <i>aus</i> prospects good. Price of rice 16½ to 22 seers per rupee. Health good.
	Colna	0.17	
	Calwa	0.84	
	Kanigunge	1.28	
	2 Bankoota, " 29 "	1.78	Weather—seasonable. Sowing of <i>aus</i> paddy in progress. Prospects of crops fair. Prices stationary. Public health good.
Barrackpore Div.	3 Baranwan, " 29 "	2.38	Weather—seasonable. Ploughing in progress everywhere. <i>Til</i> and sugarcane thriving. Sporadic cases of cholera reported from a few thanas, otherwise public health good.
	Kampur Haat	1.79	
	4 Midnapore, " 29 "	0.11	Weather—seasonable. Lands being tilled and prepared for cultivation. Rice sowings commenced in places. Public health good.
Barrackpore Div.	5 Hooghly, " 29 "	3.64	Weather—unusually cool and wet. Ploughing and sowing in full swing. Public health good.
	Serampore	2.84	
	Jaharabad	1.36	Weather—cloudy and showery with hot intervals. <i>Boro</i> rice reaped. Sowings of jute and <i>aman</i> rice commenced. Public health good.
	Howrah, " 31 "	1.01	
<i>Central Districts.</i>			
Barrackpore Div.	6 24-Perkha, June 1 '86	Return not recd.	Weather—hot and cloudy with occasional rain. Sugarcane doing well. Sowings of early rice and jute commenced. Public health generally good.
	7 Nuddea, " 29 "	1.21	Weather—sultry and stormy; most unsettled. Both <i>aman</i> and <i>aus</i> crops reported good all round. Indigo manufacture will shortly commence. Health good.
	Koeshla	2.40	
	Meherpur	3.90	
	Chudanga	1.60	
Barrackpore Div.	8 Khowda, " 29 "	0.98	Weather—hot with frequent showers. Ploughing and sowing going on satisfactorily. Public health good.
	9 Jessore, " 29 "	3.09	Weather—sultry. Sowing of paddy crop not yet finished. Prospects good. Public health fair. Price of rice stationary.
	Jhenidah	1.11	
Barrackpore Div.	10 Moorshedabad, " 29 "	3.30	Weather—unsettled. Sowing of rice crop making rapid progress. Prospects good. Public health fair, but sporadic cases of cholera still reported. Price of rice stationary.
	Magura	4.49	
	Narail	0.80	
	Bongong	2.84	
Barrackpore Div.	11 Dinapore, May 23 '86	1.64	Rains have apparently set in strongly. It has rained heavily and daily throughout the district. Cultivation of <i>aus</i> rice, jute, and sugarcane going on well. Rice selling at from 18 to 25 seers per rupee.
	12 Rajshahi, " 29 "	0.97	Weather—cloudy and close. Harvesting of <i>boro</i> paddy continues. Sowing of <i>aman</i> paddy still in progress. Prospects of <i>aus</i> and <i>aman</i> paddy and jute good since recent rain. Still a few cases of cholera.
	Natore	2.36	Weather—rainy and hot. Early paddy thriving. State of other crops continue favourable. Public health good.
	Nowgong	3.18	
	13 Rangpur, " 29 "	2.94	Weather—cool and pleasant. More or less rain daily. <i>Aus</i> and jute seedlings doing well. A few days' sunny weather will do much good in them. A few cases of cholera still reported.
Barrackpore Div.	Kurigram	4.64	Weather—rainy and much cooler. Prospects of crops good. Public health fair.
	Gaibanda	3.90	Weather—showery. Crops all good. Eight deaths from cholera occurred in the Terai this week.
	Nilphamari	4.80	Good seasonable weather. Sowing of <i>haimanti dhan</i> progressing. Weather favourable for all agricultural operations. Condition of jute crop fair. Public health good.
	14 Bogra, " 29 "	2.52	Weather—days hot; nights cool and cloudy. Low lands being cultivated for paddy crops. <i>Chillies</i> and <i>til</i> are being gathered. Prospects of crops good owing to recent rain, except that paddy crops in the Nawabgunge station are to a certain extent being damaged by worms. Public health generally good.
Barrackpore Div.	15 Sherpur	4.17	Weather—generally very hot, but with intervals of coolness. Sowings nearly completed. Paddy, sugarcane, and jute doing well. Public health good.
	Nowkhilla	2.61	
	16 Patna, " 29 "	3.02	Weather—seasonable. Cultivation of <i>aus</i> paddy finished. General health indifferent.
	Seraingunge	2.32	Weather—hot, with rain at end of week. <i>Boro</i> harvest good. Prospects of standing crops favourable. Public health fair.
	16 Dargauling, " 29 "	3.16	
Barrackpore Div.	17 Julpigore, " 29 "	3.18	Weather—seasonable. Prospects of crops fair. Caterpillars have appeared at Fattickhuri. Cattle-disease reported from Teknaf. Public health good. Prices steady.
	18 Dacca, May 29 '86	1.08	Weather—very sultry. <i>Aus</i> promises well. Cultivation of <i>aman</i> progressing. Some damage by <i>sempoka</i> in Begumganje. Mango fruit not plentiful owing to damage by hail. A few cases of cholera.
	Manickgungo	8.37	Weather—much cooler after the rain. <i>Aus</i> and broadcast <i>aman</i> plants are up and thriving. <i>Aus</i> prospects good. Land is being prepared for transplanting of seedlings.
	Munshigunge	8.38	Weather—very hot in the first part, and rainy in the latter part of the week. Rain has done much good to <i>jooms</i> . Lands being prepared for <i>aus</i> paddy. Fever prevalent, also bowel complications.
	Narsinggungo	1.31	Weather—cloudy and unsettled. <i>Satya</i> paddy being sown. Sugarcane being transplanted. <i>Joom</i> cultivation continues. Public health good.
Barrackpore Div.	19 Furruckpore, " 29 "	6.42	
	Gomundo	5.20	
	Madariyore	1.08	
	20 Backergunge, May 27 "	1.07	
	21 Mymensingo, " 28 "	1.59	
Barrackpore Div.	Jemalpur	1.90	
	Kishoregungo	0.80	
	Atta	0.26	
	Netrokona	1.58	
Barrackpore Div.	22 Chittagong, June 1 '86	5.23	
	23 Noakhally, " 28 "	2.04	
	Fenny	0.90	
	24 Tipperah, " 27 "	2.32	
	Brahmunberish	1.86	
Barrackpore Div.	25 Chittagong Hill Tracts, " 25 "	2.75	
	Chandpur	2.61	
	Hill Tipperah, " 26 "	1.29	

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.	
BENGALEE.				
PATNA DIVA.				
26	Patna, May 29 '86	Nil	Weather—hot with east winds. Sky often overcast at night with symptoms of approaching rain. Standing crops promising well. Public health good.	
27	Gya, " 29 "	1.68	Temperature fell considerably during a part of the week on account of the rain. Rain will benefit sugarcane, and facilitate ploughing for <i>bhadoi</i> . Public health good. Prices moderate.	
28	Shahabad, " 29 "	0.66	Weather—hot and often cloudy with high east winds. Rain beneficial to sugarcane, indigo, and <i>cheena</i> . Public health fair. Prices stationary.	
	Buxar, " " "	0.14		
	Basera, " " "	0.26		
	Bhabhua, " " "	0.42		
29	Barboursa, " 29 "	Nil	Weather—intensely hot. Prospects of early paddy, <i>moorg</i> , and <i>cheena</i> promising. Lands being prepared for <i>bhadoi</i> sowings. Prices remain stationary. Public health generally good.	
30	Mossuffpore, " 29 "	1.32	Weather—cool with east wind. State and prospects of crops good. Rain beneficial. Public health good.	
	Hajipore, " " "	0.38		
	Sitamarhi, " " "	Nil	Weather—seasonable. East wind throughout week. Rain has done much good to indigo and other crops on ground. Lands being prepared for <i>bhadoi</i> . Sowing of paddy in low lands in progress. Public health good.	
31	Saran, " 29 "	0.08		
	Sewna, " " "	0.05	Weather—hot with easterly wind. Standing crops in good condition. Land under preparation for <i>bhadoi</i> . Prices stationary. Some cases of small-pox and fever reported.	
	Gopalgunj, " " "	0.29		
	Chompran, " 29 "	0.28		
BRACHMANY DIVA.				
	Monghyr, May 29 '86	1.58	Weather—hot, but a little colder than usual in consequence of rain and easterly wind. Rain beneficial to indigo and sugarcane. Lands are being prepared for <i>bhadoi</i> . Sowings of early paddy seedlings commenced. Public health good, but sporadic cases of small-pox continue to be reported from Begusarai. Prices stationary.	
	Begusarai, " " "	1.04		
	Jamui, " " "	1.24		
34	Bhagulpore, " 29 "	0.43	Rainfall again heavier in south of Ganges than in north. Ploughing and cultivation of <i>bhadoi</i> crops in progress. Prospects good. Mango crop now ripe is poor this year. General health good. Prices steady.	
35	Parasah, " 29 "	0.35	Weather—cool with east wind prevailing. Rain has done good. Jute, <i>bhadoi</i> , rice, and <i>kaori</i> crops doing well.	
	Kiesengunge, " " "	4.90		
	Airareah, " " "	2.42	Easterly winds and occasional clouds with partial storms. <i>Boro</i> paddy is still being harvested. Rain has facilitated sowing of <i>bhadoi</i> crops. Common rice selling at 21 seers per rupee. Public health good.	
36	Maldah, " 29 "	0.20		
	Orzole, " " "	1.19	Constant storms of a rotatory character with occasional heavy rain and showers. Winds variable. The great quantity of rain that has fallen so unusually at this time of the year has enabled agricultural operations to get well forward. The whole country is busily engaged in ploughing and sowing. General health good.	
37	Benthal Parasah, " 29 "	0.71		
	Deoghur, " " "	0.88		
	Gadda, " " "	8.05		
	Rajmahal, " " "	1.64		
	Jamara, " " "	6.87		
	Pakour, " " "	2.13		
ORISSA.				
ORISSA DIVA.				
38	Cuttack, May 28 '86	Nil	Cloudy mornings and days hot. Ploughing still in progress. Sowing of rice crops commenced throughout district. Public health good. Sporadic cholera still reported.	
39	Pouras, " 27 "	0.22	Weather—hot. Ploughing and manuring for ensuing <i>sarad</i> crop going on. In some places sowing commenced. Late <i>dalus</i> rice in ear. Relief works going on in the Chitka tracts. Common rice sells at an average of 19 seers 1 chittack per rupee in the Sudder sub-division, and 17 seers 13 chittacks in the Khorda sub-division. Public health good.	
	Khorda, " " "	0.51		
40	Halasore, " 28 "	Nil	Weather—hot and cloudy. Cultivation progressing vigorously. Public health generally good with the exception of a few sporadic cases of cholera.	
CHOTA NAGPORE.				
South-West Frontier Agency.				
41	Basuribaga, May 28 '86	1.86	Weather—cloudy and very unsettled. Heavy rain during three days. No crops to report on. Ploughing in progress everywhere. General health good.	
42	Loharagga, " 29 "	1.74	Weather—seasonable. Rain has abundantly fallen in the interior and at the Sudder station. Early paddy is being sown. Prices easy. Public health good.	
43	Singbhoom, " 29 "	2.18	Weather—cloudy and cool with frequent storms and rain. Ploughing in active progress, and <i>dhus</i> being sown. Health good.	
44	Manbhoom, " 29 "	1.64	Weather—cool for the time of year. Rain and high winds in the afternoon. Sugarcane doing well. Public health good.	
	Govindpore, " " "	1.15		

Published for general information.

CALCUTTA, REVENUE DEPT.;
The 1st June 1886.P. NOLAN,
Offg. Secy. to the Govt. of Bengal.

The following Statement shows the Quantities of the Principal Staples of Traffic imported into Calcutta from the interior during the month of January 1886.

IMPORTS INTO CALCUTTA.

Whence Imported.	FOOD-GRAINS.							FINE FOOD PRODUCTS.		OIL-SEEDS.		Tea, Indian.	Cotton, raw.	Silk, raw.	SUGAR.		
	RICE AND PADDY.			Wheat.	Grain and pulses.	Other food-grains.	Total.	Jute, raw.	Gunny-bags.	Linseed.	Mustard-seed.				Drained.	Un-drained.	Sugarcane.
	Rice.	Paddy.	Total (in rice).														
GENERAL.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	No.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
Burwan	2,00,034	2,499	2,01,533	547	3,425	.....	2,05,558	.....	10,390	790	.....	897	78	42	11	.....	.....
Bierbroom	2,39,399	24	2,39,423	8,555	.....	.....	2,47,978	.....	4,760	.....	.....	.....	562	.....	.....	.....	.....
Midnapore	2,12,034	51,524	2,63,558	.....	.....	.....	2,63,558	.....	559	167	.....	.....	389	.....	.....	.....	.....
Hoochly	76,085	4,079	80,164	200	2,030	260	81,557	.....	74,219	375,493	2,545	2,544	1,449	.....	.....	.....	.....
24 Pergunnahs	4,73,292	31,561	5,04,853	1,471	2,519	63	5,07,935	.....	61,903	635,734	.....	.....	8,855	24,163	24,901	.....	.....
Nudum	10,236	.....	10,236	1,471	2,519	63	14,224	.....	24,622	415	4,865	887	74	130	.....	.....	.....
Kutub	10,701	.....	10,701	.....	.....	.....	10,701	.....	1,804	.....	.....	.....	.....	.....	.....	.....	.....
Jessore	37,164	.....	37,164	.....	1,021	.....	38,185	.....	39,072	175	169	.....	.....	.....	.....	.....	.....
Mooredabad	10,341	.....	10,341	153	2,604	107	13,045	.....	1,181	.....	2,174	1,075	54	.....	.....	.....	.....
Dinapore	16,478	.....	16,478	.....	.....	.....	16,478	.....	25,434	65,130	.....	.....	.....	.....	.....	.....	.....
Sajshaye	7,857	.....	7,857	.....	4,133	.....	12,000	.....	20,881	.....	.....	.....	.....	.....	.....	.....	.....
Banspoor	14,884	111	15,000	.....	28	.....	14,928	1,40,838	260,706	.....	31	1,574	.....	.....	.....	.....	.....
Bogra	30,811	.....	30,811	.....	.....	.....	30,811	.....	4,000	.....	187	.....	.....	.....	.....	.....	.....
Panna	15,017	.....	15,017	196	2,920	.....	18,133	3,63,337	516,940	.....	3,183	.....	.....	.....	.....	.....	.....
Darjeeling	.....	.....	.....	.....	.....	.....	.....	.....	210	.....	.....	.....	.....	.....	.....	.....	.....
Jalpaiguri	2,199	.....	2,199	.....	.....	.....	2,199	72,793	150,590	.....	.....	.....	.....	.....	.....	.....	.....
Patna	.....	.....	.....	.....	947	.....	10,829	2,15,125	175	.....	.....	.....	.....	.....	.....	.....	.....
Farrukpoor	3,1093	1,230	33,775	.....	1,815	.....	35,590	1,99,894	430	31	1,215	.....	.....	.....	.....	.....	.....
Backergunge	9,54,305	.....	9,54,305	.....	127	.....	9,54,432	.....	5,723	.....	.....	.....	.....	.....	.....	.....	.....
Mymensingh	2,500	.....	2,500	.....	104	.....	2,604	24,310	.....	.....	.....	.....	.....	.....	.....	.....	.....
Tupperah	12,075	.....	12,075	.....	.....	.....	12,075	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Chittagong	5,361	.....	5,361	.....	.....	.....	5,361	.....	.....	.....	1,045	482	.....	.....	.....	.....	.....
Boakholly	15,029	.....	15,029	.....	.....	.....	15,029	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Total of Bengal	24,17,321	106,364	24,83,685	6,465	70,714	415	25,61,815	13,38,252	2,122,199	16,287	9,173	6,275	8,803	1,365	10,039	71,940	1,30,000
BEHAR.																	
Patna	5	.....	5	10,544	8,864	1,159	20,577	.....	20,860	37,908	8,596	.....	7	1,210	401	.....	.....
Gya	.....	.....	.....	.....	.....	.....	.....	.....	1,010	471	.....	.....	.....	.....	.....	.....	.....
Shahabad	202	.....	202	5,077	8,883	8,881	17,476	.....	515	6,041	.....	.....	.....	.....	.....	.....	.....
Muzaffarpore	.....	.....	.....	.....	.....	.....	.....	.....	200	808	.....	.....	.....	.....	.....	.....	.....
Dumraura	.....	.....	.....	.....	.....	.....	.....	.....	640	2,603	.....	.....	.....	.....	.....	.....	.....
Baran	.....	.....	.....	794	844	30	1,672	.....	246	1,509	.....	.....	.....	.....	.....	.....	.....
Munghyr	.....	.....	.....	1,304	2,848	.....	4,152	.....	945	1,650	.....	.....	.....	.....	.....	.....	.....
Shahganj	.....	.....	.....	4,224	2,848	8,044	14,793	.....	601	2,239	.....	.....	.....	.....	.....	.....	.....
Pargana	846	.....	846	1,818	269	15	2,401	.....	74,550	775	5,948	197	.....	.....	.....	.....	.....
Maidah	811	.....	811	1,350	900	167	3,257	.....	15,230	126	242	.....	.....	.....	.....	.....	.....
Sonhad	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
.....	11,170	.....	11,170	8,012	10,932	273	26,612	.....	535	295	20,471	.....	.....	.....	.....	.....	.....
Total of Behar	78,191	.....	18,111	36,105	32,427	13,493	97,136	20,271	1,00,965	84,719	54,738	495	107	1,804	5,857	.....	.....
ORISSA.																	
Cuttack	1,814	.....	1,814	.....	.....	.....	1,814	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Balasore	72,419	16,893	89,312	.....	.....	.....	89,312	.....	2,150	.....	.....	.....	.....	.....	.....	.....	.....
Total of Orissa	74,233	16,893	91,125	.....	.....	.....	91,125	.....	2,150	.....	.....	.....	.....	.....	.....	.....	.....
CHOTA NAGPORE.																	
Hazaribagh	.....	.....	.....	.....	.....	.....	.....	.....	1,920	.....	270	.....	14	.....	.....	.....	.....
Manbhum	26,332	.....	26,332	.....	.....	.....	26,332	.....	79	.....	.....	.....	7	.....	.....	.....	.....
Total of Chota Nagpore	26,332	.....	26,332	.....	.....	.....	26,332	.....	1,990	.....	270	.....	19	.....	.....	.....	.....
Grand Total of supplies from the Provinces under the Lieutenant-Governor of Bengal.	25,31,297	1,22,192	26,53,489	42,570	1,43,141	14,908	27,69,286	15,65,266	2,216,304	49,006	64,176	4,771	8,683	1,521	12,841	77,947	1,30,000
OTHER PROVINCES.																	
Assam	6,000	.....	6,000	.....	875	.....	7,175	.....	15,017	.....	33	5,074	48,871	803	548	.....	.....
North-Western Provinces and Oudh	1,264	.....	1,264	1,64,952	91,950	3,831	2,61,978	.....	217,800	21,433	9,527	1,304	1,40,109	.....	100	79	.....
Punjab	6	.....	6	.....	78,362	810	79,172	.....	108	.....	603	43	11,186	.....	5	.....	.....
Central Provinces	.....	.....	.....	.....	272	.....	272	.....	.....	1,080	.....	.....	.....	.....	.....	.....	.....
Rajputana States	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Gujarat	.....	.....	.....	.....	27	.....	27	.....	1,800	.....	.....	.....	15,180	.....	89	.....	.....
Madras	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	718	.....	207	.....	.....
Other places	11	.....	11	.....	19	14	44	.....	7,780	.....	5	15	.....	37	1,910	.....	.....
Grand Total (1886 of 1886)	26,59,179	1,22,192	26,81,371	2,07,540	2,09,337	20,345	31,14,959	18,00,395	2,648,480	78,031	79,845	80,004	1,84,041	2,115	14,240	77,336	1,30,000
in January, 1886	21,49,804	2,08,633	23,58,437	2,54,793	1,85,068	47,490	27,88,432	11,14,237	1,002,928	80,640	1,81,008	47,036	1,30,574	2,226	17,071	1,09,230	1,30,000

* One mound of paddy is equivalent to 25 ears of rice.

† Exclusive of bags obtained by local manufacture.

The Sea-borne Trade of Calcutta in these Staples during the month of January 1886 was as follows.—

EXPORTED FROM CALCUTTA—	To Indian ports.		To Foreign ports.		To India and Foreign ports.		To India and Foreign ports.		To India and Foreign ports.		To India and Foreign ports.		To India and Foreign ports.		To India and Foreign ports.	
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
Bombay	2,40,767	30	2,40,797	.....	6,800	215	2,47,597	.....	40	1,599,600	.....	.....	141	.....	.....	.....
Other port in Bombay	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
Madras	968	.....	968	.....	78	41,250	238	41,710	.....	123,318	.....	.....	131	.....	30	10
Other ports in Madras	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
British Burma	2,29,200	668	2,29,868	.....	5	8,230	.....	2,29,913	.....	125,336	.....	1	.....	.....	.....	.....
Other Indian ports	1,907	.....	1,907	.....	604	5,180	60	7,750	.....	1,013,800	.....	.....	41	10	7	843
Ponicherry	13,079	.....	13,079	.....	2	8,544	8	15,589	.....	386,600	.....	.....	1	1	19	804
Total of inter-port trade	4,95,918	698	4,96,616	761	64,373	613	5,61,988	77	4,189,231	1	45	284	17	30	1,917	840
To Foreign ports—																
United Kingdom	3,75,900	.....	3,75,900	78,680	2,267	.....	4,56,847	11,62,903	579,400	1,10,804	6,786	64,989	28,685	63	.....	.....
Other Foreign ports	6,49,479	303	6,49,782	1,258	16,043	693	6,67,000	4,98,904	10,492,576	3,784	7,439	2,635	84,901	431	234	3
Total of Foreign trade	10,25,379	303	10,25,682	79,938	18,310	696	11,24,847	16,61,807	16,492,976	1,30,608	14,214	67,623	1,13,280	494	234	.....
Grand Total (1886 of 1886)	15,11,943	698	15,12,641	80,610	42,483	1,670	16,76,835	16,36,674	14,598,189	1,30,609	14,215	67,707	1,13,403	519	2,841	.....
in Jan. 1886	13,82,033	6,990	13,88,023	88,769	47,541	18,518	15,51,787	8,33,445	19,001,094	1,74,144	81,400	60,476	82,743	1,343	1,800	.....

* Excluding tamar and other wild silk.

IMPORTS INTO CALCUTTA.

EXPORTS FROM CALCUTTA.

following Statement shows the several Routes followed by the Trade in the Principal Staples of Traffic exported from Calcutta during the month of January 1886.

P. NOLAN,
Offg. Secy. to the Govt. of Bengal.

Meteorological Report of the Province of Bengal

METEOROLOGICAL DIVISION.			STATION OBSERVATIONS.												
			AIR PRESSURE.			WIND.		TEMPERATURE.							
			Mean barometric height, 10 A.M.	Mean reduced to sea-level.	Variation from mean.	Prevailing direction.	Mean wind velocity.	Highest during week.	Date.	Lowest during week.	Date.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily temperature of week.	Variation from normal mean of week.
OISSAM.	Posner	Gopalnori	29.742	29.792	—	SSW	130	80.2	24th, 25th May.	76.8	20th May.	89.2	81.2	84.7	—
	Posner	Fair Point	29.761	29.782	+0.021	SSW	207	81.6	24th, 27th May.	77.1	23rd "	90.6	80.0	85.8	+0.9
	Cuttack	Cuttack	29.784	29.784	+0.002	SSW	75	102.4	28th May.	73.8	22nd "	100.8	77.8	89.8	+1.2
	Kalasore	Kalasore	29.720	29.770	—	SSW	154.8	83.4	24th "	77.2	22nd, 23rd May.	91.8	78.3	84.8	—
SOUTH-WEST BENGAL.	South-West Midnapore	Saugor Island	29.704	29.780	+0.076	Southerly	238	92.7	26th "	77.0	27th May.	91.6	82.4	87.0	+0.8
	South 24 Pargannas														
	Midnapore	Midnapore	29.731	29.770	—	S	101.8	93.8	26th "	73.3	27th "	97.2	78.1	87.7	—
	24-Pargannas														
	Howrah	Calcutta	29.700	29.781	+0.081	SW	110	94.0	26th "	72.2	26th "	93.1	76.9	85.0	+2.2
	Hookly														
	Burdwan	Burdwan	29.735	29.785	+0.051	S	110	97.7	26th "	72.9	26th, 27th May.	94.5	76.7	85.8	+2.8
	Bankeora	Bankeora	29.752	—	—	S	106	102.1	23rd "	72.6	27th May.	97.4	77.1	87.3	—
	Baerbhoom														
	West Burdwan	Ranagunge	29.741	—	—	SSW	134.9	101.0	23rd "	72.0	26th "	97.4	77.0	87.2	—
	Moorsabad	Harhampore	29.733	29.783	+0.051	E	134.1	93.7	23rd, 26th "	72.2	26th "	95.0	76.0	85.9	+2.4
	Nuddea	Krishnagore	29.740	—	—	SSE	100.5	98.3	26th "	72.3	25th, 27th May.	94.1	78.1	84.0	—
	Jessore	Jessore	29.777	29.810	+0.033	S. W	111.7	97.8	26th "	73.4	27th May.	93.9	77.0	86.0	+0.1
	Khoolna														
EAST BENGAL.	Chittagong	Chittagong	29.746	29.834	+0.088	SE	82	89.0	22nd "	72.5	27th "	87.2	71.9	81.1	+1.9
	Chittagong Hill Tracts	Dumakiri													
	Backergunge	Harrual	29.785	29.815	—	Southerly	80.9	94.3	22nd May.	72.0	26th "	89.9	77.1	83.5	—
	Noakhally	Noakhally	29.706	29.809	—	Calm	7	92.0	22nd "	71.3	26th "	87.8	76.3	82.1	—
	Faridpore	Faridpore	29.775	—	—	S	129.8	94.5	22nd May.	70.4	26th, 28th May.	91.6	74.8	82.9	—
	Dacca	Dacca	29.780	29.811	+0.031	Calm, E	110	94.3	22nd "	72.1	26th May.	90.5	76.4	83.5	+0.1
	Tippurah	Comilla	29.781	29.817	—	SE	12.3	95.3	22nd "	71.8	26th, 28th May.	91.5	74.8	83.2	—
	Mymensingh	Mymensingh	29.750	—	—	ENE	106.0	92.6	23rd "	69.1	26th May.	88.3	74.8	81.6	—
	Sogra and Pabna	Bogra	29.742	29.805	—	NE	101.2	93.3	22nd "	68.8	26th "	90.4	75.1	82.8	—
	Sogra and Pabna	Sarajkunda	29.774	29.823	—	N. SSE	114.3	96.1	23rd "	69.2	26th "	91.7	74.4	83.1	—
	Naishahore	Rampore	29.786	29.797	—	E	71.8	90.4	22nd, 23rd, 24th May.	69.7	26th "	92.1	74.9	84.0	—
	Maldah	Maldah	29.802	—	—	E	41.4	96.7	26th "	72.8	27th "	94.7	75.6	84.7	—
	Dinapore	Dinapore	29.658	29.810	—	ENE	120	95.6	22nd May.	70.6	23rd "	89.7	73.0	81.3	—
	Bungpore	Bungpore	29.702	29.828	—	E	82	94.8	22nd "	66.6	26th "	88.2	69.9	79.0	—
NORTH BENGAL.	Jalpigore	Jalpigore	29.507	29.797	—	E	148.6	95.0	22nd "	68.9	27th "	87.1	70.3	78.7	—
	Cooch Behar														
	Darjeeling Hill District	Darjeeling	22.005	—	—	NE	118.7	85.6	22nd "	60.6	27th "	83.6	82.8	83.1	—
	Purneah	Purneah	29.664	29.780	+0.116	Calm	1.2	101.2	24th "	—	—	96.3	—	—	—
	North Bhawalpur														
	Moulvibazar	Moulvibazar													
	Durghamabad	Durghamabad	29.603	29.770	+0.167	E, NE	161	99.4	23rd, 24th May.	75.0	27th May.	95.7	77.1	86.4	+0.3
	Champeran	Mothari	29.515	29.744	—	ESE	238.8	99.3	23rd, 25th May.	69.9	26th "	94.5	76.4	85.2	—
	Sarun	Chupra	29.538	—	—	E	118.6	104.5	25th May.	74.0	27th "	100.2	77.7	89.0	—
	Shahabad	Dehree	29.576	29.784	—	ESE	241.0	104.3	22nd, 23rd, 24th May.	69.0	27th "	97.2	75.1	85.2	—
	Shahabad	Humar	29.438	29.701	—	E	250.8	102.4	24th, 25th May.	73.8	27th "	102.3	79.0	89.7	—
	Arria	Arria	29.500	29.704	—	E	205.8	104.6	22nd, 23rd, 24th May.	73.0	27th "	100.0	78.3	89.1	—
	Gya	Gya	29.187	29.700	+0.513	NE	106	100.1	24th May.	69.8	27th "	101.3	75.3	88.8	+4.3
	Panna	Bankipore	29.686	29.748	+0.062	E	144	103.0	23rd, 25th May.	73.7	27th "	99.1	78.5	88.7	+2.5
SOUTH BENGAL.	South Bhawalpur	Bhawalpur	29.590	29.753	—	E	50	98.4	22nd, 23rd May.	73.0	27th "	95.0	76.1	85.1	—
	Moulvibazar														
	South Pargannas	Dumka	29.754	—	—	E	70.6	100.8	23rd "	73.5	26th, 27th May.	96.0	78.4	87.4	—
	Kasimbaga	Kasimbaga	27.763	29.723	+0.040	Southerly	247	101.0	23rd May.	69.7	26th, 27th May.	95.2	73.5	81.4	+3.0
	Lohardaga														
	Manbhoom	Ranahoe	27.880	29.729	—	SW	179.0	99.0	22nd, 23rd May.	65.9	27th "	93.9	73.0	84.0	—
	Singhbhum	Chyachasan	28.274	—	—	SSW	26.4	101.8	23rd "	74.1	26th "	96.3	77.3	86.3	—
	Orissa.														

Explanation.—Summary.—The normal means of air pressure and temperature are the arithmetical averages or means of the readings during the year. The humidity of the atmosphere is expressed as a percentage, saturated air being represented by 100. A clear sky is denoted by 0 and an overcast sky by 100. The normal means of rainfall are the numerical means or averages of the rainfall in that district determined from the returns sent in by the stations (i.e.) from the total rainfall at the sub-divisional stations in the district sending in returns divided by the number of stations.

week ending Friday, the 28th of May 1886.

DISTRICT OBSERVATIONS.														Representative station.	DISTRICT.	Meteorological Division.
Average cloud amount at 5 A. M. for week.	Rainfall of week at observing stations.	RAINFALL.														
		Of week.		Since 1st of Month.			Since 18th May 1885.									
		Mean for district.	Normal mean.	Mean for district.	Normal mean.	Variation.	Mean for district.	Normal mean.	Variation.	Average number of rainy days.	Normal number of rainy days.					
43	0.80	—	—	—	—	—	—	—	—	—	—	Gopalpore	Poorah	Orissa.		
63	Nil	0.85	0.67	3.70	2.52	+1.18	3.68	1.15	+1.53	1.3	1.6	Palae Point			Orissa.	
100	Nil	0.25	0.82	3.65	2.70	+0.95	2.15	1.24	+0.91	1.4	1.9	Cuttack	Cuttack			Orissa.
10	Nil	0.22	1.02	5.33	3.93	+1.40	1.77	1.78	-0.01	0.7	1.9	Balasore	Balasore				Orissa.
71	0.70	0.70	0.68	4.70	4.36	+0.43	0.84	1.81	-0.97	1.3	1.8	Ranzer Island	South-West Midnapore	Orissa.		
37	0.14	0.60	0.63	7.06	4.43	+2.63	0.92	1.62	-0.70	2.0	1.5	Midnapore	South 24 Pargannas		Orissa.	
86	0.00	1.04	1.28	7.11	2.05	+5.06	2.02	2.11	+0.09	2.4	2.4	Malgutta	24 Pargannas			Orissa.
48	3.05	2.34	1.18	9.79	4.11	+5.68	3.81	1.90	+1.91	3.3	1.9	Hurdwan	Hurdwan				Orissa.
17	1.74	1.37	0.52	4.17	3.23	+0.94	2.93	1.10	+1.83	2.6	1.3	Bankura	Bankura	Orissa.		
20	1.36	1.73	0.79	3.52	2.76	+0.76	2.56	1.34	+1.22	2.9	1.7	Lansingunge	North Bhojpur		Orissa.	
21	1.54	1.96	1.30	3.87	4.40	-0.53	2.41	2.25	+0.16	2.3	1.9	Germampur	West Bardwan			Orissa.
21	0.37	2.70	1.78	5.66	5.91	-0.25	3.55	2.79	+0.76	3.2	2.8	Krishnagar	Hooghly				Orissa.
61	1.11	3.28	1.81	10.91	6.13	+4.78	4.68	2.62	+1.96	3.1	2.8	Jessore	Jessore	Orissa.		
70	0.03	0.97	2.47	9.12	9.30	-0.18	6.05	6.35	-0.30	4.5	3.9	Chittagong	Chittagong		Orissa.	
71	3.47	5.51	2.08	8.85	6.37	+2.48	5.30	3.36	+1.94	4.5	2.9	Dumagiri	Chittagong Hill Tracts			Orissa.
67	2.14	2.42	2.39	9.41	9.56	-0.15	2.52	4.07	-1.55	3.3	3.3	Barisal	Barisal				Orissa.
20	6.42	4.40	2.58	11.74	8.10	+3.64	5.31	3.09	+2.22	4.3	2.6	Faridpur	Faridpur	Orissa.		
67	1.87	3.31	2.12	9.60	8.67	+0.93	4.06	3.17	+0.89	3.8	2.7	Dacca	Dacca		Orissa.	
17	4.37	2.41	2.41	9.86	9.86	0.00	5.94	5.94	0.00	3.2	3.2	Comilla	Comilla			Orissa.
71	1.73	2.20	2.20	7.51	9.31	-1.80	2.61	4.17	-1.56	3.4	2.8	Mymensingh	Mymensingh				Orissa.
44	2.72	3.21	1.92	6.65	6.95	-0.30	6.46	3.38	+3.08	4.5	2.5	Bogra	Bogra	Orissa.		
17	2.81	2.38	1.99	6.21	6.79	-0.58	4.11	5.30	-1.19	5.6	2.2	Sherajunga	Sherajunga		Orissa.	
29	0.03	1.07	1.00	5.33	5.74	-0.41	5.14	2.80	+2.34	3.5	1.2	Rampore Baulah	Rajshahi			Orissa.
61	0.20	0.23	0.77	2.78	3.94	-1.16	1.83	2.10	-0.27	2.5	1.6	Maldah	Maldah				Orissa.
39	0.44	2.52	0.98	6.44	4.61	+1.83	5.10	2.21	+2.89	3.2	1.3	Dinapore	Dinapore	Orissa.		
71	2.30	0.90	2.63	10.96	9.65	+1.31	7.21	5.78	+1.43	6.3	2.8	Bungoor	Bungoor		Orissa.	
51	3.38	2.71	4.76	8.64	12.65	-4.01	3.98	8.03	-4.05	5.6	3.8	Jalpaiguri	Jalpaiguri			Orissa.
69	3.24	4.48	2.51	9.42	9.08	+0.34	5.00	4.71	+0.29	6.0	3.9	Darjeeling	Darjeeling Hill Districts				Orissa.
69	0.33	1.74	0.91	4.11	3.87	+0.24	3.20	1.34	+1.86	3.2	1.3	Purnea	Purnea	Orissa.		
21	0.67	0.46	2.28	1.98	+0.28	1.44	0.81	+0.63	1.0	0.9	0.9	Muzaffarpore	Muzaffarpore		Orissa.	
21	0.33	0.43	3.91	2.04	+1.88	1.94	0.27	+0.17	0.7	0.8	0.8	Durbhanga	Durbhanga			Orissa.
21	0.28	0.61	0.71	3.92	2.37	+1.55	1.83	1.13	+0.70	1.0	1.0	Motihari	Chhapra				Orissa.
21	0.24	0.14	0.44	2.21	1.73	+0.48	1.05	0.69	+0.36	1.0	0.6	Chupra	Saran	Orissa.		
70	Nil	—	—	—	—	—	—	—	—	—	—	Deoria	Deoria		Orissa.	
69	0.14	0.45	0.81	1.08	0.94	+0.14	0.71	0.41	+0.30	1.5	0.6	Buxar	Buxar			Orissa.
69	0.68	—	—	—	—	—	—	—	—	—	—	Arrah	Arrah				Orissa.
69	1.83	1.09	0.22	1.36	1.40	-0.04	1.26	0.96	+0.30	2.0	0.7	Gya	Gya	Orissa.		
69	0.18	0.26	0.65	1.10	1.44	-0.34	0.61	0.92	-0.31	1.3	0.6	Bankipore	Patna		Orissa.	
69	0.45	1.23	0.83	2.43	1.85	+0.58	1.99	1.43	+0.56	1.8	0.8	Siwanpore	Siwanpore			Orissa.
69	0.45	1.80	0.04	4.83	2.70	+2.13	0.01	1.38	+1.69	3.2	1.2	Bootha	Bootha				Orissa.
69	1.88	2.11	0.42	3.14	2.11	+1.03	2.13	0.76	+1.37	4.0	1.1	Siwanpore	Siwanpore	Orissa.		
69	1.74	1.40	0.30	2.53	1.90	+0.63	1.02	0.94	+0.08	2.3	1.1	Barh	Barh		Orissa.	
69	1.95	2.36	0.72	3.12	3.18	-0.06	5.08	1.61	+3.47	4.0	1.5	Udhampur	Udhampur			Orissa.

last ten years. The variations are negative when the mean for the week is less than the corresponding normal mean, and positive when greater. Number denoting cloud amount represents the part of the sky covered, the whole sky being denoted by 10. Under the head "District" observations for the period in question during the past 12 years. The means of the district are the numerical averages of the rainfall return received in at least hundredth of an inch fall.

Statement of Receipts in Bengal for the week ending Friday (6 p.m.), the 28th of May 1886.

Hydrological Division.	District.	Station.	Rainfall.						Total.		Total rain-fall since 1st of month.	Average total rain-fall from 1st of month.	Total rain-fall since 1st May 1896.	Average from May to Oct.	
			Station, 1st May.	Sunday, 2nd May.	Tuesday, 3rd May.	Wednesday, 4th May.	Thursday, 5th May.	Friday, 6th May.	Number of rainy days.	of rainfall in inches.					
Central	Panaji	Moapa				0.22		0.01		0.23	3.37	3.14	3.25		
		Kharakh				0.00			2.50	2.51	0.82	3.33	3.07		
		False Point													
		Exp. 1				0.00					4.74	2.50	1.43		
	Cuttack	Jacintapur				0.07				0.07		1.11			
		Cuttack				0.00			0.75	0.75	3.20	3.30	2.61		
		Indrapur				0.81			0.00	0.81	3.04	3.85	1.75		
		Pharmadia				0.30			0.25	0.55	2.77	3.73	1.24		
	Balasore	Chandul										4.07			
		Bhudduck				0.79				0.79	5.33	4.53	2.50		
Sorah										0.47	0.03	2.41			
Balasore											4.11				
South West Bengal.	Malda	Contai							1	0.06	4.29	4.06	0.66		
		Sagar Island							1	0.79	3.53	4.34	1.06		
		Thakur				0.00	0.00		3	1.50	7.30	4.25	1.39		
		Midnapore						1	0.11	0.20	4.64	0.57			
	Durgam	Chital				0.13			3	0.34	7.71	4.39	0.67		
		Durgam						1	0.21	0.37	7	0.2			
		Baria						1	0.03	0.20	0.16	0.09			
		Barisal						1	3.65	0.16	4.80	0.09			
	Parganas	Diamond Har-								1	1.35	0.51	4.78	1.35	
		hour					0.07	1.24		2	0.03	7.04	4.06	1.06	
Canning Town						0.31	0.03		3	0.12	7.79	4.83	1.16		
Alipore J.								3	2.97	6.11	4.19	0.71			
Howrah	Barackpore				0.53	0.40		3	2.30	7.42	5.16	2.06			
	Bum-Thun				0.80			1	0.80	5.17	5.71	0.54			
	Barasat				0.41	0.74		3	1.03	8.08	5.92	1.50			
	Bum-Thun				0.30	0.65	0.01	4	1.01	4.04	4.95	2.01			
Hooghly	Hooghly				0.41	0.15		3	0.57	7.04	6.09	2.3			
	Isanpuri				0.15	2.10	0.51	5	2.85	6.19	4.28	3.16			
	Chital				2.74	0.00		3	3.01	8.89	5.77	1.57			
	Chital				0.11	0.11	1.25	3	1.3	4.40	4.73	1.82			
Hurdwar	Hurdwar				1.45	0.92	1.15	3	3.05	7.77	4.10	3.18			
	Chital				0.47	0.37	0.76	3	2.61	11.30	4.09	3.01			
	Hurdwar				0.61	2.18		3	2.79	5.40	5	1.70			
	Hurdwar				0.01	1.27	0.60	3	1.33	2.81	2.63	1.70			
Bankura	Bankura					1.10	0.63		2	1.73	2.55	3.24	1.06		
	Bahenpore				0.11	0.07	2.07	0.45	4	2.70	5.18	4.07	1.49		
	Maltara						1.06	1.00	2	2.06	5.10	2.82	1.24		
	Khatra				0.45	0.16	0.78		3	1.39	8.34	2.62	1.45		
	Indra						1.00	0.14	3	3.08	0.08	?	2.49		
	Kutapore						0.70	2.05	3	3.29	4.72	?	2.60		
	Anda						0.10		2	2.45	1.00	?	1.40		
	Chakragalhatti				0.20	1.00	0.39		4	1.00	4.95	?	2.4		
	Itapore						0.18	0.14	4	2.41	3.83	?	2.05		
	Sonmukhi				0.00	0.25	1.45	0.80	3	2.25	4.80	?	3.05		
Murshidabad	Bh. Borey					2.05	0.53		2	2.33	4.10	2.80	1.06		
	Holampore					0.75	0.65		2	1.40	8.11	2.07	0.74		
	Rampur Haul				0.09	1.81	0.34		4	1.78	4.03	2.60	0.71		
	Bolpore						1.00	1.16	2	2.23	4.78	?	3.20		
Nadwa	Banaghat					0.53		0.40	0.05	3	0.98	7.32	4.03	1.51	
	Kishnaghat					0.50		0.43	0.19	3	1.21	8.00	5.12	1.62	
	Ohondanga				0.52	0.07		0.81	1.80	11.50	0.00	0.00			
	Meherpore					2.12		1.78	0.10	4	4.00	7.82	4.75	1.60	
Koochib	Koochib					0.16		2.70	0.78	3	3.62	6.51	0.56	0.24	
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District.	Station.	RAINFALL.								TOTAL.		Total rain-fall since 1st May 1895.	Average total rain-fall from 1st of month.	Total rain-fall since 1st May 1895.	Average rainfall from 1st May 1895 to date.
		Saturday, 22nd May.	Sunday, 23rd May.	Monday, 24th May.	Tuesday, 25th May.	Wednesday, 26th May.	Thursday, 27th May.	Friday, 28th May.	Number of rainy days.	of Rainfall week.					
Nasikholly	Gournaddi	1.24	0.44	0.41	0.06	0.11	0.05	0.68	4	2.90	7.43	5.96	5.96	5.96	5.96
	Raughal	1.24	0.44	0.41	0.06	0.11	0.05	0.68	4	2.90	7.43	5.96	5.96	5.96	5.96
	Noakholly	0.80	0.18	0.00	0.96	0.18	0.05	0.73	5	2.75	10.96	5.96	5.96	5.96	5.96
	Haripore	0.00	0.01	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00
Furzeddore	Rampur	0.08	1.04	0.10	0.06	0.00	0.00	0.00	5	6.10	11.75	6.49	6.49	6.49	6.49
	Misraipore	0.18	0.27	0.27	0.22	0.11	0.34	0.00	5	1.47	0.77	0.77	0.77	0.77	0.77
	Furzeddore	0.27	0.27	0.27	0.22	0.11	0.34	0.00	5	1.47	0.77	0.77	0.77	0.77	0.77
	Goulundo	0.27	0.27	0.27	0.22	0.11	0.34	0.00	5	1.47	0.77	0.77	0.77	0.77	0.77
Itaco	Machibunge	0.01	0.15	0.00	0.00	0.00	0.00	0.00	4	0.81	10.79	5.96	5.96	5.96	5.96
	Itaco	0.01	0.15	0.00	0.00	0.00	0.00	0.00	4	0.81	10.79	5.96	5.96	5.96	5.96
	Nimsakunge	0.01	0.15	0.00	0.00	0.00	0.00	0.00	4	0.81	10.79	5.96	5.96	5.96	5.96
	Machibunge	0.01	0.15	0.00	0.00	0.00	0.00	0.00	4	0.81	10.79	5.96	5.96	5.96	5.96
Hill Tipperah	Agartala	0.30	0.23	0.10	0.15	0.12	0.50	0.00	4	4.64	12.40	6.49	6.49	6.49	6.49
	Chandpur	0.30	0.23	0.10	0.15	0.12	0.50	0.00	4	4.64	12.40	6.49	6.49	6.49	6.49
	Chandpur	0.30	0.23	0.10	0.15	0.12	0.50	0.00	4	4.64	12.40	6.49	6.49	6.49	6.49
	Chandpur	0.30	0.23	0.10	0.15	0.12	0.50	0.00	4	4.64	12.40	6.49	6.49	6.49	6.49
Mymensingh	Atis (Tangail)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00
	Atis (Tangail)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00
	Atis (Tangail)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00
	Atis (Tangail)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	0.00	0.00
Pubna	Pubna	0.63	0.00	0.00	0.34	0.00	0.31	1.85	5	3.02	7.18	6.49	6.49	6.49	6.49
	Pubna	0.63	0.00	0.00	0.34	0.00	0.31	1.85	5	3.02	7.18	6.49	6.49	6.49	6.49
	Pubna	0.63	0.00	0.00	0.34	0.00	0.31	1.85	5	3.02	7.18	6.49	6.49	6.49	6.49
	Pubna	0.63	0.00	0.00	0.34	0.00	0.31	1.85	5	3.02	7.18	6.49	6.49	6.49	6.49
Kajahabye	Kajahabye	0.00	0.00	0.00											

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 28th May 1886—*concluded*.

Meteorological division.	District.	Station.	RAINFALL.							TOTAL.		Total rain-fall since 1st of month.	Average total rain-fall from 1st of month.	Total rain-fall since 15th May 1886.	Average rain-fall from May to date.
			Saturday, 22nd May.	Sunday, 23rd May.	Monday, 24th May.	Tuesday, 25th May.	Wednesday, 26th May.	Thursday, 27th May.	Friday, 28th May.	Number of rainy days.	of Rainfall inch.				
NORTH BHAR.	Narail	Gopalgunge	.....	.....	.....	.....	0.20	.....	0.05	1	0.25	2.75	2.75	2.31	.....
		Bowan	.....	.....	.....	.....	.....	.....	.....	1	0.05	1.87	1.87	0.86	.....
SOUTH BHAR.	Shahabad	Chinnah	.....	.....	.....	.....	0.08	.....	.....	1	0.08	1.92	0.95	0.17	.....
		Bunar	.....	.....	.....	.....	.....	0.08	.....	1	0.08	0.38	0.38	0.28	.....
		Delma	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.30	?	0.80	.....
		Rhuhosah	.....	.....	.....	0.42	0.50	.....	.....	2	0.92	1.80	0.90	1.40	.....
		Sasseram	.....	.....	.....	.....	0.20	.....	.....	1	0.20	0.20	0.20	0.94	.....
		Arrah	.....	.....	.....	0.20	0.22	.....	.....	2	0.42	1.22	1.21	0.83	.....
		Mohania	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	?	.....	.....
	Gya	Aurungabad	.....	.....	.....	0.11	.....	0.12	.....	2	0.23	0.31	1.24	0.31	.....
		Sya	.....	.....	.....	1.24	0.28	.....	.....	2	1.52	1.53	1.40	1.03	.....
		Nowadish	.....	.....	.....	0.02	1.39	.....	.....	2	1.41	2.71	1.83	2.08	.....
		Jenababad	.....	.....	.....	0.21	.....	0.17	.....	2	0.38	0.80	1.10	0.82	.....
		Arwal	.....	0.63	.....	.....	.....	0.10	.....	2	0.73	2.28	?	0.78	.....
		Bandnagar	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	0.40	?	0.40	.....
		Sherphati	.....	.....	.....	.....	.....	.....	.....	Nil	Nil	.....	?	Nil	.....
		Boysuli	.....	.....	.....	2.30	2.00	.....	.....	2	4.30	4.30	4.30	4.30	.....
		Pakri Barman	.....	.....	.....	0.10	.....	.....	.....	1	0.10	1.90	?	0.30	.....
		Patna	.....	.....	.....	.....	0.18	.....	.....	1	0.18	1.23	1.44	0.46	.....
	Patna	Dinapore	.....	.....	.....	.....	0.18	.....	.....	1	0.18	0.95	1.10	0.94	.....
		Bihar	.....	.....	.....	0.46	.....	.....	0.03	2	0.49	0.20	1.93	0.07	.....
		Barr	.....	.....	.....	.....	0.60	.....	.....	1	0.60	2.00	1.88	1.60	.....
	Munshyr	Begowah	.....	.....	.....	0.71	0.33	.....	.....	2	1.04	1.31	1.80	1.35	.....
		Munshyr	.....	.....	.....	.....	1.38	.....	.....	1	1.38	3.15	1.78	2.49	.....
		Jatuli	.....	.....	.....	.....	1.24	0.28	.....	2	1.52	2.08	1.70	1.96	.....
		Gogri	.....	.....	.....	.....	0.63	.....	.....	1	0.63	0.61	?	0.81	.....
	South Bhagal-pore.	Shaknara	.....	.....	.....	.....	.....	0.08	.....	1	0.08	2.68	?	2.68	.....
		Hemulpore	.....	.....	.....	0.10	0.28	.....	.....	2	0.38	1.33	2.08	0.97	.....
		Banar	.....	.....	.....	0.61	0.20	.....	.....	2	0.81	4.05	1.98	3.09	.....
		Kolpore	.....	.....	.....	1.18	0.25	.....	.....	2	1.43	1.64	?	1.31	.....
	North Per-gunahs.	Kajmohal	.....	.....	0.33	0.63	0.14	0.14	.....	4	1.24	5.42	3.78	5.24	.....
		Godan	.....	.....	.....	.....	1.00	0.15	0.05	4	1.20	3.58	3.13	4.20	.....
		Pasoor	.....	.....	0.05	1.67	0.14	0.37	0.39	5	2.51	6.17	2.90	6.91	.....
		Nya Boudha	.....	.....	0.05	0.04	0.39	.....	.....	3	0.48	3.50	2.63	1.13	.....
		Deoghar	.....	.....	.....	.....	0.48	0.06	.....	2	0.54	2.23	2.60	1.14	.....
		Jalouga	.....	.....	.....	1.32	0.87	.....	.....	1	0.87	4.35	2.80	2.71	.....
		Simra	.....	.....	.....	.....	0.84	.....	.....	2	0.84	4.70	?	2.85	.....
		Dandhat	.....	.....	.....	0.12	0.28	0.17	.....	3	0.57	6.08	?	4.81	.....
CUTTIA KAN-PUR.	Hambergh	Pachamba	.....	0.02	.....	0.14	1.50	0.03	.....	4	2.59	2.60	1.96	2.59	.....
		(Giridi)	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
		Hambergh	.....	0.11	1.49	0.15	1.13	0.08	0.35	6	3.28	5.58	1.66	3.91	.....
		Bambakuran	.....	0.35	0.71	1.10	.....	.....	0.20	4	2.45	2.56	2.47	2.45	.....
		Nandul Hill	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
		Jhoomrah Hill	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....
		Barhi	.....	.....	.....	0.70	0.20	.....	.....	2	0.90	1.20	?	1.23	.....
		Chitra	.....	.....	0.11	1.17	.....	0.12	.....	3	1.40	2.16	?	1.93	.....
		Karagicha	.....	.....	.....	1.55	0.19	.....	.....	2	1.74	1.95	?	1.95	.....
		Komghar	.....	.....	.....	0.12	0.35	0.04	0.11	4	0.63	1.40	?	1.34	.....
	Lohardugga	Lohardugga	.....	.....	0.16	0.72	0.02	0.40	0.25	5	2.44	4.96	?	4.96	.....
		Banar	.....	.....	0.13	0.47	0.09	.....	.....	4	1.69	3.88	?	2.16	.....
		Pasumow	.....	.....	.....	1.19	.....	1.00	0.17	2	1.17	2.14	0.90	2.10	.....
		Buli	.....	.....	0.07	.....	.....	.....	.....	1	0.07	0.12	?	0.07	.....
		Bokmal	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	?	.....	.....
	Moghbom	Hosetnabad	.....	.....	.....	.....	.....	.....	.....	.....	.....	.....	?	.....	.....
		Gorwah	.....	.....	.....	.....	1.65	0.33	.....	.....	.....	.....	?	.....	.....
		Chynabasa	.....	0.11	.....	.....	1.20	0.87	0.33	4	2.51	5.12	3.19	5.08	.....
		Chakradhar-pore.	.....	.....	0.19	0.25	0.25	1.43	0.12	5	2.20	3.45	?	3.01	.....
	Mamabom	Chatsila	.....	.....	0.42	.....	0.10	.....	.....	2	0.52	4.01	?	2.37	.....
		Baharagura	.....	.....	.....	.....	.....	0.43	.....	1	0.43	4.40	?	1.51	.....
		Purula	.....	.....	0.18	.....	1.68	.....	.....	2	1.86	2.02	3.01	2.11	.....
		Gopinapore	.....	0.28	.....	.....	0.87	.....	.....	2	1.15	1.47	1.00	1.21	.....
		Raghunath-pore.	.....	.....	2.14	.....	1.07	.....	.....	2	4.01	4.73	?	4.02	.....
		Kurraboom	.....	.....	0.30	.....	0.27	.....	0.09	3	0.66	1.77	?	1.07	.....
		Jhalda	.....	.....	.....	0.50	.....	.....	.....	1	0.50	.....	?	.....	.....
		Onas	.....	0.37	0.11	.....	1.44	0.02	.....	4	1.94	4.18	?	2.91	.....

Explanation.—Indicates that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of them are wanting, the corresponding spaces in the total rainfall column are left blank.

CALCUTTA, the 1st June 1886.

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS TAKEN IN BENGAL FOR THE WEEK ENDING FRIDAY, THE 28TH OF MAY 1886.

One of the principal features in the meteorology of the past week has been in connection with a second advance of monsoon winds, which was taking place in the southern part of the Bay at the close of the previous week, and which, it was stated in the report for that week, would probably advance further up the Bay than the previous advance. The strong winds which were noticed at the Ceylon stations increased in force on Saturday, the 22nd, and pressure commenced to fall in the south-west of the Bay. On the morning of the 23rd a distinct cyclonic storm had formed off the South Madras coast, and by the following morning it had advanced over the coast line between Madras and Negapatam, the centre of the storm being apparently almost on the coast at 10 A.M. on the Monday morning, and nearer to Negapatam than to Madras. The storm was of considerable diameter, but the barometric depression at the centre was small, and though it was sufficiently powerful to give strong winds and rather stormy weather along the Madras coast, it cannot, so far as the observations received have shewn, be said to have been a violent storm or cyclone. On the following day, the 24th instant, the storm had apparently crossed the peninsula, and it ceased to affect the weather in the Bay of Bengal.

This moist southerly current, in front of which the storm just described had formed, apparently continued its advance up the Bay, and more particularly along the east coast, and on Wednesday, the 26th and on the 27th, there were indications that an extremely feeble cyclonic circulation had been set up by the advancing current over the centre of the Bay, and at this time a moist southerly and south-easterly wind current advanced over Bengal, giving rise to general rain in almost all districts of the province. This current can scarcely be said to have been the commencement of or the setting in of the rains, but it is rather a sort of preliminary advance of moist southerly winds, pushed forward or brought up by the strong winds in the south and centre of the Bay, which has drifted over the province, but which has not had sufficient strength to advance far into the interior of the country. During the earlier part of the week over the greater part of the province weather was fine, or in such parts as East and North Bengal decidedly showery, but with the advance of this southerly current from the 25th to the 27th rainfall became much more general and decidedly heavier over South-West Bengal, East and North Bengal, and over South Behar and Chutia Nagpur, while numerous showers fell in North Bengal and Orissa.

The variations of pressure during the week have not been of great importance, though for the first two or three days the variations were to a certain extent influenced by the formation of the cyclonic storm in the south of the Bay. After this pressure fell pretty steadily up till the 26th, when a slight recovery took place, which was, however, succeeded by a further fall on the last two days of the week. For almost the whole week therefore the general pressure has been steadily decreasing, and the effect has been to diminish the previous large excess pressure which had been registered. At the close of the previous week the excess pressure at many stations equalled 0.15", while for the whole week pressure had been in excess by 0.1". By the gradually diminishing pressure this week, the excess has been reduced to 0.062", but the excess is generally smaller in the western and southern districts than it is in the eastern and northern districts.

Temperature has, with the comparatively heavy rainfall during the week, been decidedly low, and all districts except North Behar show temperature considerably below the normal. The greatest defects are in South Behar and Chutia Nagpur, where they are 3° and upwards; in Orissa, South-West and East Bengal the defects are from 1° to 2°, while in North Behar temperature has been nearly normal. For the whole province the mean temperature for the week has been 1.7° below the normal.

Rainfall has been most copious in East Bengal, which district has received 3.35 inches against the normal fall of 2.44 inches. The actual fall has therefore been considerably in excess of the normal. North Bengal has received an average rainfall of 2.82 inches, while the normal fall is 2.31 inches, and has thus also received considerably more than the usual amount. South-West Bengal has registered an average amount of 2.04 inches against the normal 1.27 inches, and again this district has received a fall largely in excess of the normal. Chutia Nagpur has received 1.81 inches against the normal fall of 0.40 inch, so here the fall has again been copious. South Behar has recorded an average fall of 0.99 inch, which is almost three times the normal fall of 0.37 inch; and North Behar has registered 0.79 inch against the normal 0.61 inch, and has received a considerable excess fall. Finally, in Orissa the rainfall has been in decided defect, and the average fall at all the stations from which records have been received shows only 0.53 inch, while the normal fall for the week is 0.86 inch; the actual is therefore less than two-thirds of the normal fall.

The distribution of the rainfall has, however, been somewhat irregular and capricious in the various districts, and thus while in South-West Bengal the rainfall has been generally considerably in excess, the Midnapur and South 24-Pergunnahs districts show falls in defect of the normal. Also in North Bengal, where again the general fall has been in excess, the Maldah district has only received about a third of the normal amount. In South Behar the rainfall has been deficient in the Sarun, Chumpanun and Durbhanga districts, and largely in excess in Purneah. In South Behar the Patna district has shown a fall below the normal, though other districts round it have received four and five times their normal falls.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Friday, the 28th of May 1886:—

METEOROLOGICAL DIVISIONS.	TEMPERATURE.							RAINFALL.								
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of month.		Since 1st May 1886.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.
Calcutta	102.4	73.8	93.7	79.3	86.0	-1.1	0.33	0.80	-0.33	1.1	1.8	-0.7	6.28	5.17	1.20	1.43
South-West Bengal	102.1	72.2	85.1	77.4	86.8	-1.3	2.04	1.27	+0.77	2.8	2.1	+0.7	6.99	4.66	3.01	2.09
East Bengal	95.3	69.1	86.0	73.5	82.8	-1.2	3.35	2.24	+1.11	4.2	2.0	+1.3	0.43	8.77	4.06	5.79
North Bengal	96.7	68.6	80.0	73.2	81.2	-	3.82	2.83	+0.91	4.8	2.4	+1.3	7.28	7.71	4.58	4.33
North Bona	104.5	80.9	97.0	70.7	86.9	-0.3	0.79	0.61	+0.18	1.6	1.0	+0.6	3.38	2.58	1.39	1.14
South Bona	102.1	61.0	98.8	77.0	87.0	-3.3	0.99	0.37	+0.62	2.0	0.8	+1.2	2.34	1.82	1.84	0.98
Churia Nagpur	101.0	65.9	95.6	72.8	84.2	-3.0	1.81	0.40	+1.41	3.3	1.5	+1.8	2.51	3.13	2.35	0.82

* Purneah not included.
† Chyabesan not included.

METEOROLOGICAL OFFICE, BENGAL;

The 1st June 1886.

ALEXANDER PEDLER,

Offg. Meteorological Reporter to the Govt. of Bengal.

Results of the Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 23rd to 29th May 1886.

MONTH.	TEMPERATURE.					Mean wet bulb.	HYGROMETRY.				Rain.
	Date.	Mean.	Maximum.	Range.	Minimum.		Vapour tension.	Dew point.	Humidity.		
1886		°	°	°	°	°	inches.	°	%	inches.	
May	23rd	82.4	95.0	12.7	78.3	78.2	.910	76.4	82	0.07	
"	24th	85.0	95.0	10.0	78.8	77.0	.839	73.9	68	.....
"	25th	85.4	93.8	14.0	79.8	80.7	.986	78.8	80	.....
"	26th	81.4	93.8	20.8	73.2	78.8	.950	77.7	89	0.32	
"	27th	83.9	95.5	11.7	76.8	78.9	.922	76.8	79	.....
"	28th	82.8	94.6	11.8	78.2	78.9	.943	77.6	85	0.10	
"	29th	82.4	95.0	12.6	79.8	78.3	.916	76.5	85	0.02	

The mean temperature of the seven days

The extreme variation of temperature

The maximum temperature

The mean relative humidity

The total fall of rain from 23rd to 29th May 1886

The mean temperature and humidity are obtained by applying to the mean of the 10a, 16h and minimum readings a correction dependent on the range, and derived from the hourly observations at the Surveyor-General's Office, Chowringhee, in past years.

METEOROLOGICAL OFFICE, INDIA;

Calcutta, the 31st May 1886.

A. PEDLER,

For Meteorological Reporter to the Govt. of India.

Results of the Meteorological Observations taken at the Alipore Observatory from 23rd to 29th May 1886.

Month.	Date.	Mercury in cels.	Number of hours of bright sunshine.	Mean pressure barometer at 59 Fahr.	TEMPERATURE.				HYGROMETRY.				WIND.		Rain.	Weather.
					Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.	Miles recorded.		
May	23rd	156.5	9.8	29.774	85.1	94.8	18.7	77.6	79.8	0.948	77.0	79	S and variable	93	0.01	Partially cloudy, d, d, t.
"	24th	153.5	11.7	718	86.1	92.6	14.6	78.1	80.1	940	77.8	77	S and SSW	160	Nil	Partially cloudy, d.
"	25th	154.0	11.0	634	84.8	91.5	12.0	76.8	79.5	938	77.3	79	SE, S and SSE	142	"	Partially cloudy, d.
"	26th	157.0	10.4	719	88.1	92.5	20.1	72.4	77.7	901	78.1	78	SSE and variable	125	0.03	Chiefly cloudy, c, g, d, t, d.
"	27th	154.0	8.3	654	83.7	94.0	18.3	75.7	77.8	875	76.2	77	S, SSW and variable	122	0.05	Chiefly cloudy, c, g, d, t, p.
"	28th	154.3	4.9	520	84.0	92.3	14.0	77.7	79.1	931	77.1	80	ESE and SSE	103	0.01	Chiefly cloudy, c, t, d, d.
"	29th	155.0	4.3	638	85.5	93.5	14.3	79.2	80.0	852	77.7	78	SE and SSE	117	0.04	Chiefly cloudy, d, d.

The mean pressure of the seven days	...	inches.	29.687
The average pressure of the corresponding period for 24 years, S. G.'s Office	...	...	29.609
The total number of hours of bright sunshine	...	Hours.	61.1
The maximum possible number of hours of sunshine	...	...	93.2
0			
The mean temperature of the seven days	...	...	84.6
The average temperature of the corresponding period for 24 years, S. G.'s Office	...	...	86.7
The extreme variation of temperature	...	...	21.9
The maximum temperature	...	...	94.3
Miles.			
The highest velocity of the wind in one hour	...	...	18
lbs.			
The highest pressure of wind on one square foot	...	...	4
%			
The mean relative humidity	...	...	78
The average relative humidity of the corresponding period for 24 years, S. G.'s Office	...	...	75
Inches.			
The total fall of rain from 23rd to 29th May 1886	...	...	0.14
The average fall of the corresponding period for 24 years, S. G.'s Office	...	...	1.40
The total fall from 1st January to 29th May 1886	...	...	11.56
The average fall of the corresponding period for 24 years, S. G.'s Office	...	...	9.10

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph. The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Alipore Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard Newmann's No. 85, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

c overcast, g gloomy, d drizzling rain, t thunder, p passing temporary showers, d dew.

A. PROLER,

For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA;
Calcutta, the 31st May 1886.

MEMORANDUM.

FROM the annexed table exhibiting the mortuary statistics of the districts in Bengal for the month of February 1886, the following results are apparent:—

1. That the deaths of 91,331 persons were registered among a population of 66,163,884, or at the rate of 17.04 per thousand per annum, against 22.32 per 1,000 in the preceding month, and 17.40 per 1,000 in the corresponding month of the preceding year, indicating, as compared with the preceding month, a considerable falling off in the number of deaths recorded.

2. That the highest casualty rates were returned from the following districts:—

Deaths.			Deaths.		
		Ratio per mille.			Ratio per mille.
Balasore	...	28.32	Cuttack	...	26.40
Pubna	...	26.52	Jessore	...	26.68
Jalpaiguri	...	26.52	Rungpore	...	26.20

3. That the mortality from the principal diseases specified in the following table exhibits no marked difference in comparison with the results of the corresponding month of 1885:—

	Ratio per mille during the weeks ending—	
	February 1886.	February 1885.
Cholera	1.08	1.20
Small-pox	.07	.12
Fever	12.48	12.00
Bowel-complaints	.60	.72
Injury	.12	.12
Other causes	2.52	2.40

4. That while the incidence of small-pox, bowel-complaints and injury was, on the whole, normal throughout the Province, and the maladies grouped under the head for "Other causes" proved conspicuously fatal only in the Puri district, viz. at 11.16 per 1,000 of population, cholera and fever caused the highest mortality in the following districts:—

Cholera.			Fever.		
		Ratio per mille.			Ratio per mille.
Balasore	...	7.56	Pubna	...	25.56
Jessore	...	6.60	Jalpaiguri	...	25.32
Cuttack	...	4.08	Rungpore	...	23.24
24-Pergunnahs	...	3.84	Dinajpur	...	21.12
Midnapore	...	3.72			
Puri	...	3.80			
Mymensing	...	2.88			
Nuddea	...	2.04			

5. That in relation to Sex, Class and Age, the death-rates during the months under notice stand as follows:—

According to Sex.		According to Class.		According to Age.	
	Ratio per mille.		Ratio per mille.		Ratio per mille.
Males	18.60	Christians	11.16	Under 1 year	97.92
Females	15.84	Hindus	16.68	1 year and under 5 years	14.76
Ratio of male deaths to every 100 female deaths	117	Mahomedans	18.24	5 " " 10 " "	7.44
		Budhists	10.92	10 " " 15 " "	6.72
		Other classes	11.76	15 " " 20 " "	10.88
				20 " " 30 " "	12.00
				30 " " 40 " "	13.92
				40 " " 50 " "	18.96
				50 " " 60 " "	21.84
				60 years and upwards	49.80

R. LIDDERDALE, M.D., Deputy Surgeon-General,
Sanitary Commissioner for Bengal.

The 29th May 1886.

MORTALITY ACCORDING TO—

Class.

Age.

RATIO PER 1,000 OF POPULATION
PER ANNUM.

RATIO PER 1,000 OF POPULATION PER ANNUM.

Males.

Deaths among—

DISTRICTS.

DIVISIONS.

DISTRICTS.	DIVISIONS.	Deaths among—	Other classes.	Buddhists.	Hindus.	Christians.	Muslims.	Buddhists.	Mahomedans.	Buddhists.	Under 1 year.	1 year and under 5 years.	5 years and under 10 years.	10 years and under 15 years.	15 years and under 20 years.	20 years and under 30 years.	30 years and under 40 years.	40 years and under 50 years.	50 years and under 60 years.	60 years and under 70 years.	70 years and under 80 years.	80 years and under 90 years.	90 years and under 100 years.	Total.
BENGAL	Bengal	Hindus.	1,321	329	1,650	1,111	60	69	57	297	192	253	197	197	197	197	197	197	197	197	197	197	197	197
BENGAL	Bengal	Muslims.	1,321	329	1,650	1,111	60	69	57	297	192	253	197	197	197	197	197	197	197	197	197	197	197	197
BENGAL	Bengal	Christians.	1,321	329	1,650	1,111	60	69	57	297	192	253	197	197	197	197	197	197	197	197	197	197	197	197
BENGAL	Bengal	Buddhists.	1,321	329	1,650	1,111	60	69	57	297	192	253	197	197	197	197	197	197	197	197	197	197	197	197
BENGAL	Bengal	Mahomedans.	1,321	329	1,650	1,111	60	69	57	297	192	253	197	197	197	197	197	197	197	197	197	197	197	197
BENGAL	Bengal	Total.	1,321	329	1,650	1,111	60	69	57	297	192	253	197	197	197	197	197	197	197	197	197	197	197	197

OFFICE OF SANITARY COMMISSIONER FOR BENGAL.

MEMORANDUM.

During the week ending 15th May 1886, the returns from the principal Municipalities in Bengal furnished the following results:—

1. That births were registered in the above Municipalities at the rate of 16·4 per 1,000 of population as opposed to very nearly the same proportion, viz., 16·1 per 1,000, in the preceding week ending 8th May, and deaths at 22·3 against 21·5 per 1,000, showing a small increase in death registration.

2. That the highest proportions of births and deaths were returned from the under-mentioned Municipalities:—

<i>Births.</i>				<i>Deaths.</i>			
			Ratio per mille.				Ratio per mille.
Beaulah	...	...	36·8	Beaulah	...	...	57·8
Naraingunge	...	...	33·1	Puri	...	...	33·6
Kishnaghur	...	...	32·2	Kishnaghur	...	...	32·2
Burdwan	...	...	32·0	Burdwan	...	...	32·0
Durbhanga	...	...	30·7	Comillah	...	...	30·8

3. That the mean mortality from the principal diseases mentioned in the following table, in comparison with the mortality from the same diseases in the preceding week, stood as follows:—

				Ratio per mille during the week ending —	
				15th May 1886.	8th May 1886.
Cholera	...	...	...	1·9	2·2
Small-pox	...	...	...	·1	·1
Fever	...	...	...	9·5	9·9
Bowel-complaints	...	...	...	4·1	2·9
Injury	...	...	...	·4	·4
Other causes	...	...	...	6·2	6·0

The only noticeable fact revealed by the above figures is that the death-rate from bowel-complaints has risen sensibly.

4. That of the above-mentioned diseases, cholera and the maladies classed under the head of "Other causes" were more fatal to life in the following Municipalities:—

<i>Cholera.</i>				<i>Other Causes.</i>			
			Ratio per mille.				Ratio per mille.
Beaulah	...	...	23·6	Puri	...	...	16·8
Puri	...	...	12·6	Suburbs of Calcutta	...	...	10·8
Kishnaghur	...	...	7·5	Durbhanga	...	...	10·2
Suburbs of Calcutta	...	...	3·9				

5. That the mortality of the week classified under the heads of *Sex*, *Class* and *Age* stands as follows:—

<i>According to Sex.</i>				<i>According to Class.</i>				<i>According to Age.</i>			
			Ratio per mille.				Ratio per mille.				Ratio per mille.
Males	...	...	22·4	Christians	...	...	30·4	Under 1 year	...	...	181·8
Females	...	...	22·1	Hindus	...	...	21·1	1 and under 5 years	...	...	36·0
Ratio of male deaths to every 100 female deaths.	116			Mahomedans	...	...	24·7	5 " 10 "	...	...	11·1
				Buddhists	...	...	48·4	10 " 15 "	...	...	9·5
								15 " 20 "	...	...	16·2
								20 " 30 "	...	...	14·0
								30 " 40 "	...	...	14·3
								40 " 50 "	...	...	12·3
								50 " 60 "	...	...	32·2
								60 years and upwards	...	...	44·6

R. LIDDERDALE, M.D., Deputy Surgeon-General,
Sanitary Commissioner for Bengal.

The 31st May 1886.

Statement showing the Results of the Registration of Births and Deaths in the Principal Municipalities in Bengal during the week ending 15th May 1906.

Statement showing the Results of the Registration of Births and Deaths in the Districts of Bengal for the year 1911																			
Districts.	Names of Municipal Corporations.	Population.			Births.			Mortality according to—										Sex.	
		Males.	Females.	Total.	Males.	Females.	Total.	Disease.										Males.	Females.
								Ratio per 1,000 of population per annum.											
		Number of—			Ratio per 1,000 of population per annum.			Ratio per 1,000 of population per annum.										Ratio of male deaths to every 100 female deaths.	
		Total.			Total.			All causes.										Ratio of male deaths to every 100 female deaths.	
		Total.			Total.			All causes.										Ratio of male deaths to every 100 female deaths.	
		Total.			Total.			All causes.										Ratio of male deaths to every 100 female deaths.	
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		Total.			Total.			All causes.										Ratio of male deaths to every 100 female deaths.	
		Total.			Total.			All											

The number

DISTRICTS.		NAMES OF MUNICIPALITIES.		MORTALITY ACCORDING TO										RATIO PER 1,000 — POPULATION PER ANNUM.													
				Class.		Age.										RATIO PER 1,000 — POPULATION PER ANNUM.											
DEATHS AMONG—				DEATHS.										RATIO PER 1,000 — POPULATION PER ANNUM.													
Christians.	Hindus.	Muslims.	Buddhists.	Other classes.	Christians.	Hindus.	Mahomedans.	Buddhists.	Other classes.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 years and up.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 years and up.
Burdwan
Midnapore
Barisal
Barrackpore
Howrah
14-Penninsula
Maddur
Jessore
Rajshahi
Darjiling
Dacca
Chittagong
Tipperah
Patna
Gra
Shehabad
Moulvibazar
Durbarah
Baran
Bhagulpore
Monghyr
Jamshaidpur
Puri
TOTAL

R. LIDDERDALE, M.D., Deputy Surgeon-General,
Sanitary Commissioner for Bengal.

Office of Sanitary Commissioner for Bengal,
The 31st May 1886.

CIRCULAR AND EASTERN CANALS.

*Approximate Return of the Traffic on the Circular and Eastern Canals for the week ending
Saturday, the 29th of May 1886.*

Number of boats.	Nature of cargo.					Weight of cargo.	Tollage.
						Mds.	Rs.
189	Rice and paddy	...	...	...	...	48,666	870
7	Jute	...	...	...	...	5,000	66
125	Firewood	...	...	...	...	50,811	761
544	Other articles	...	...	...	...	1,36,715	1,964
865	Total					2,47,192	3,651

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 22nd May 1886 on 1,516 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Tons. c.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Traffic for the week...	241,360	2,44,721 11 3	30,81,484 30	7,88,277 11 0	22,270 5 0	10,35,276 11 3	64,500	132,505	197,005
of which of railway...		111 4 6		220 5 1	15 11 3	993 8 10			
of which of half-year...	4,641,000	54,25,510 8 0	5,30,00,000 0	1,31,37,772 3 0	4,02,237 15 0	1,89,55,386 11 3	1,290,741	2,232,355	3,523,096
Total for 20 weeks...	4,888,440	56,70,024 3 3	5,67,77,950 30	1,39,26,049 14 0	4,24,521 4 9	2,00,20,613 6 6	1,364,331	2,350,384	3,714,715
COMPARISON.									
for corresponding week...	207,050	2,10,801 5 11	28,05,857 30	8,17,289 10 0	30,183 12 1	10,58,274 12 0	64,500	140,314	204,814
of which of railway...		140 16 2		541 8 11	10 15 11	791 1 3			
of which of half-year...	4,725,783	57,36,720 14 8	5,31,06,040 10	1,37,92,901 0 11	4,04,027 3 0	1,89,55,334 2 7	1,333,503	2,290,754	3,624,257

* The increase in coaching traffic is principally due to marriages.

Approximate Statement of gross receipts of the East Indian Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 22ND MAY 1885.			RECEIPTS FOR WEEK ENDING 22ND MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 23RD MAY 1885.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 22ND MAY 1886.			Total increase in 1886.	Total decrease in 1886.
Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.		
Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.
10,58,275	701	1,515	10,55,276	697	1,500	70,81,495	5,288	1,215	74,00,407	5,023	1,215	...	3,75,068

PATNA-GYA STATE RAILWAY.

Approximate Return of Traffic for week ended 2nd May 1886 on 57½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Tons. c.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Traffic for the week...	12,000	6,370 8 0	58,000 20	3,037 4 0	48 8 0	10,025 4 0	1,400	401	2,804
of which of railway...	227	110 18 3	1,015 30	103 0 0	0 13 7	273 4 3			
of which of half-year...	200,007	1,41,014 9 0	10,47,750 20	74,823 14 0	1,042 8 9	2,17,814 13 3	33,790	15,643	49,433
Total for 20 weeks...	270,025	1,47,934 1 0	11,05,832 0	78,204 2 0	1,003 0 9	2,27,840 3 3	33,190	17,044	50,234
COMPARISON.									
for corresponding week...	8,613	3,711 13 10	51,494 10	2,878 1 0	51 9 9	7,878 15 7	1,382	312	2,204
of which of railway...	151	65 9 8	900 10	67 12 3	0 14 3	134 6 0			
of which of half-year...	214,853	1,37,748 1 2	12,25,164 20	36,333 10 0	1,338 13 0	2,24,440 10 2	32,853	18,203	51,056

Approximate Statement of gross receipts of the Patna-Gya State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 2ND MAY 1885.			RECEIPTS FOR WEEK ENDING 2ND MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 23RD MAY 1885.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 22ND MAY 1886.			Total increase in 1886.	Total decrease in 1886.
Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.		
Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.
7,878	134	57½	10,000	175	57½	77,827	1,307	57½	90,500	1,636	57½	15,950	...

DILDARNAGAR-GHAZIPUR STATE RAILWAY.

Approximate Return of Traffic for week ended 22nd May 1886 on 12 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES	
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.
		Rs. A. P.	Mds. c.	Rs. A. P.	Rs. A. P.	Rs. A. P.		
Total traffic for the week ...	5,543	506 7 6	27,005 30	108 14 0	66 8 0	1,680 18 6	339 1	325
Or per mile of railway ...	...	47 5 4	...	75 11 10	5 7 4	139 6 6	...	...
For previous 19 weeks of half-year ...	21,726	8,817 0 6	8,45,150 10	11,448 15 0	768 10 3	20,067 9 3	4,664	4,666
Total for 20 weeks ...	25,008	9,353 7 6	6,72,150 0	12,355 15 0	769 2 3	22,508 0 0	4,713	4,991
COMPARISON.								
Total for corresponding week of previous year ...	2,331	427 11 3	21,458 10	889 7 0	109 11 0	1,426 13 9	63	806
Per mile of railway corresponding week of previous year ...	...	83 10 3	...	74 1 11	9 2 4	118 14 8	...	...
Total to corresponding date of previous year ...	49,147 1/2	8,434 1 1/2	4,25,527 30	12,080 11 0	1,410 11 9	22,537 8 10	3,073	8,061

Approximate Statement of gross receipts of the Dildarnagar-Ghazipur State Railway, prepared in accordance with Public Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 22ND MAY 1885.			RECEIPTS FOR WEEK ENDING 22ND MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 22ND MAY 1885.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 22ND MAY 1886.			Total increase in 1886.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	
12	Rs. 1,327	Rs. 119	12	Rs. 1,541	Rs. 128	12	Rs. 10,325	Rs. 980	12	Rs. 10,190	Rs. 849	Rs.

SINDIA STATE RAILWAY.

Approximate Return of Traffic for week ended 22nd May 1886 on 74 1/2 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES	
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.
		Rs. A. P.	Mds. c.	Rs. A. P.	Rs. A. P.	Rs. A. P.		
Total traffic for the week ...	6,131	3,711 1 0	60,930 30	2,592 0 0	763 0 0	6,406 1 0	699 1/2	881
Or per mile of railway ...	...	49 9 10	...	34 10 11	1 0 0	85 10 9	...	...
For previous 19 weeks of half-year ...	108,886	87,476 12 0	14,92,718 20	67,805 14 11	2,089 0 0	1,87,581 0 0	21,944 1/2	21,046
Total for 20 weeks ...	114,037	91,187 13 0	15,53,654 10	70,397 14 6	2,171 0 0	1,63,757 11 0	22,544 1/2	22,332 1/2
COMPARISON.								
Total for corresponding week of previous year ...	4,487	3,037 15 5	75,705 20	2,758 5 0	109 0 0	3,500 0 11	1,071	1,315
Per mile of railway corresponding week of previous year ...	...	48 19 5	...	36 15 4	1 7 0	87 4 0	...	...
Total to corresponding date of previous year ...	116,928	99,006 6 3	17,83,540 20	61,406 11 3	2,783 0 3	1,62,708 0 9	21,739	20,457

Approximate Statement of gross receipts of the Sindia State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 22ND MAY 1885.			RECEIPTS FOR WEEK ENDING 22ND MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 22ND MAY 1885.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 22ND MAY 1886.			Total increase in 1886.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	
74 1/2	Rs. 6,500	Rs. 87	74 1/2	Rs. 6,606	Rs. 88	74 1/2	Rs. 54,714	Rs. 734	74 1/2	Rs. 27,006	Rs. 703	Rs. 2,5

TARKESWAR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 22nd May 1886 on 27½ miles open.

	COACHING TRAFFIC.		MERCHANTISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Traffic for the week...	18,647	4,708 14 0	8,827 10	319 6 0	8 0 0	5,115 3 0	318	44	362
per mile of railway...		216 10 11		14 5 7		239 6 3			
previous 18 weeks of half-year...	360,182	1,05,000 4 0	2,14,000 38	7,441 6 0	117 7 5	1,15,544 1 5	14,501	3,075	21,576
Total for 20 weeks...	404,729	1,10,708 2 0	2,23,827 0	7,800 5 0	125 7 5	1,16,630 7 5	15,419	3,125	21,544
COMPARISON.									
Traffic for corresponding week of previous year...	18,867	4,820 10 5	5,086 10	172 2 0	13 9 0	5,095 0 3	1,072	72	1,144
per mile of railway corresponding week of previous year...		219 1 11		7 13 2		227 7 6			
per corresponding date of previous year...	433,106	1,17,216 4 10	2,07,000 10	9,240 0 0	737 3 3	1,25,503 7 3	21,484	6,054	26,538

Approximate Statement of gross receipts of the Tarkeswar Branch Railway, prepared in accordance with Public Works Department Circular No. XXI. Railway, dated 23rd July 1885.

RECEIPTS FOR WEEK ENDING 22ND MAY 1885.			RECEIPTS FOR WEEK ENDING 22ND MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 22ND MAY 1885.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 22ND MAY 1886.			Total increase in 1886.	Total decrease in 1886.
Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.		
Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.
11	5,004	237	224	5,126	230	23	45,782	2,081	224	46,482	2,400	700	---

CAWNPORE-KALPI RAILWAY.

Approximate Return of Traffic for week ended 22nd May 1886 on 42 miles open.

	COACHING TRAFFIC.		MERCHANTISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Traffic for the week...	2,228	2,044 4 0	15,102 30	2,771 15 0	10 0 0	2,781 15 0	234	294	528
per mile of railway...		24 18 10		64 2 2		0 7 3			
previous 8 weeks of half-year...	14,000	6,344 8 0	87,040 30	21,070 13 0	30 0 0	21,100 13 0	1,735	1,965	3,700
Total for 7 weeks...	16,228	7,388 13 5	1,02,142 30	23,842 7 0	40 0 0	23,882 7 0	2,000	2,259	4,259

Approximate Statement of gross receipts of the Cawnpore-Kalpi Railway, prepared in accordance with Public Works Department Circular No. XXI. Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING MAY 1885.			RECEIPTS FOR WEEK ENDING 22ND MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 22ND MAY 1885.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 22ND MAY 1886.			Total increase in 1886.	Total decrease in 1886.
Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.		
Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.
42	5,837	70	---	---	---	---	---	---	42	20,968	400	---	---

DACCA STATE RAILWAY.

Approximate Return of Traffic for the week ended 15th May 1886 on 86 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (est. unad.)	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coachings.	Weight carried.	Receipts.			Coachings.	Merchandise.	Total.
		Rs. A. P.	Mds. a.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	8,773	2,780 0 0	9,698 0	452 0 0	57 0 0	3,284 0 0	169	1,827	1,996
Or per mile of railway	102	32 0 0	112 0	5 0 0	1 0 0	38 0 0	11	21	22
For previous 10 weeks of half-year	172,107	40,338 0 0	1,82,120 0	27,794 0 0	4,930 0 0	93,083 0 0	15,030	20,820	35,850
Total for 20 weeks	180,880	43,138 0 0	1,85,217 0	28,247 0 0	5,082 0 0	95,367 0 0	15,110	21,647	36,757
COMPARISON.									
Total for corresponding week of previous year	4,449	625 7 0	1,18,282 0	1,138 2 0	9 2 0	1,802 11 6	979	1,284	1,483
Per mile of railway corresponding week of previous year	52	72 8 8	13,828 0	116 13 0	0 14 7	209 4 4	115	149	164
Total to corresponding date of previous year	90,724	14,213 7 0	23,00,788 0	24,493 4 10	431 13 0	39,128 8 4	5,744	23,504	29,248

* Corrected by actuals up to week ending 10th April 1886.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Dacca State Railway.

RECEIPTS FOR WEEK ENDING 15th MAY 1885.			RECEIPTS FOR WEEK ENDING 15th MAY 1886.			TOTAL RECEIPTS FROM 1st APRIL 1885 TO 15th MAY 1885.			TOTAL RECEIPTS FROM 1st APRIL 1886 TO 15th MAY 1886.			Total increase in 1886.	Total decrease in 1885.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.			Rs.			Rs.			Rs.		Rs.	Rs.
10	1,802	180	40	2,284	57	10	13,474	192	80	30,071*	50	10,507	.....

* Corrected by actuals up to week ending 10th April 1886.

DACCA STATE RAILWAY.

Approximate Return of Traffic for week ended 22nd May 1886 on 86 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		(Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN		
	Number of passengers.	Coachings	Weights carried.	Receipts.			Coachings	Merchandise.	TOTAL
		Rs. A. P.	Mds. a.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	9,014	2,771 0 0	2,405 0	381 0 0	75 0 0	3,224 0 0	159	1,723	1,882
Or per mile of railway	105	32 0 0	28 0	5 0 0	1 0 0	38 0 0	11	20	21
For previous 20 weeks of half-year	180,880	40,338 0 0	1,82,120 0	27,794 0 0	4,930 0 0	85,182 0 0	15,019	20,647	35,666
Total for 21 weeks	189,894	43,069 0 0	1,87,023 0	28,380 0 0	4,945 0 0	89,410 0 0	15,080	21,369	36,449
COMPARISON.									
Total for corresponding week of previous year	4,520	625 15 2	1,18,284 0	1,139 1 0	12 14 0	1,797 14 2	879	1,235	1,507
Per mile of railway corresponding week of previous year	53	62 9 6	13,828 0	115 14 0	1 4 7	179 12 7	17	124	143
Total to corresponding date of previous year	101,744	14,830 0 8	24,19,072 0	25,642 5 10	444 11 0	40,086 7 2	5,818	24,354	30,172

* Corrected by actuals up to week ending 17th April 1886.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Dacca State Railway.

RECEIPTS FOR WEEK ENDING 22nd MAY 1885.			RECEIPTS FOR WEEK ENDING 22nd MAY 1886.			TOTAL RECEIPTS FROM 1st APRIL 1885 TO 22nd MAY 1885.			TOTAL RECEIPTS FROM 1st APRIL 1886 TO 22nd MAY 1886.			Total increase in 1886.	Total decrease in 1885.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.			Rs.			Rs.			Rs.		Rs.	Rs.
10	1,794	180	80	3,224	57	10	13,273	191	80	23,114*	45	17,812	.....

* Corrected by actuals up to week ending 17th April 1886.

KAUNIA AND DHURLLA STATE RAILWAY.

Approximate Return of Traffic for week ended 22nd May 1886 on 87 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	1,890	720 0 0	8,511 0	353 0 0	1,027 0 0	2,000 0 0	280	300	580
per mile of railway ...	46	19 0 0	95 0	7 0 0	.....	20 0 0	7	7	14
for previous 20 weeks of half-year ...	59,123	17,725 0 0	59,219 0	4,112 0 0	29,006 0 0	59,796 0 0	4,905	5,015	10,919
Total for 21 weeks ...	60,013	18,445 0 0	61,739 0	4,366 0 0	29,967 0 0	59,796 0 0	5,254	5,324	10,578
COMPARISON.									
for corresponding week of previous year ...	1,370	956 0 0	2,187 0	200 0 0	1,331 0 0	2,517 0 0	230	200	513
per mile of railway corresponding week of previous year ...	37	26 0 0	59 0	6 0 0	.....	28 0 0	7	7	14
to corresponding date of previous year ...	55,183	24,189 0 0	47,098 0	6,226 0 0	37,107 0 0	67,520 0 0	6,291	5,391	11,682

* Corrected by audited figures up to week ending 10th April 1886.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Kaulia and Dhurlla State Railway.

RECEIPTS FOR WEEK ENDING 22ND MAY 1886.			RECEIPTS FOR WEEK ENDING 22ND MAY 1885.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 22ND MAY 1885.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 22ND MAY 1886.			Total increase in 1886.	Total decrease in 1886.
Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.		
Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.
2,517	69	37	2,000	54	37	22,793	77	37	16,597*	54	.....	.....	6,196

* Corrected up to the latest possible date by actuals.

TIRHOOT STATE RAILWAY.

Approximate Return of Traffic for the week ending 22nd May 1886 on 246 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Traffic for the week on 246 miles open ...	37,708	12,406 9 6	1,48,974 20	15,799 7 0	2,913 5 5	31,131 5 11	1,434	2,305	10,839
per mile of railway ...	155	50 7 0	597 0	64 4 0	11 1 0	116 11 0	.....	.....	.....
for previous 19 weeks of half-year ...	674,170	2,54,039 5 6	24,60,010 20	2,46,690 9 0	54,905 10 7	5,35,545 10 1	52,237	94,191	146,428
Total for 20 weeks ...	711,878	2,66,445 0 0	25,11,995 0	2,62,690 0 0	57,779 0 0	5,66,967 0 0	54,571	101,386	155,957
COMPARISON.									
for corresponding week of previous year on 228 miles open ...	26,124	8,506 5 71	1,21,245 20	14,004 1 6	3,113 14 9	25,636 5 2	3,801	4,818	8,700
per mile of railway corresponding week of previous year ...	114	37 10 0	537 0	62 3 0	13 0 0	101 12 0	.....	.....	.....
to corresponding date of previous year ...	600,304	2,32,851 1 6	21,72,203 0	2,33,877 14 9	59,168 2 10	5,45,917 3 1	59,164	100,216	159,480

* Steam-turbine earnings excluded in calculating "Total earnings per mile of railway."

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Tirhoot State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 22ND MAY 1886.			RECEIPTS FOR WEEK ENDING 22ND MAY 1885.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 22ND MAY 1885.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 22ND MAY 1886.			Total increase in 1886.	Total decrease in 1886.
Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.		
Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.
24,000	114	140	21,121	117	130	1,24,770	100	140	1,27,000	100	.....	12,200	.....

NALHATI STATE RAILWAY.

Approximate Return of Traffic for the week ending 22nd May 1886 on 27½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. Str.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	2,615	190 4 6	6,370 20	530 6 6	13 6 0	1,554 0 6	509	254	763
Or per mile of railway	95	80 6 0	245 0	19 2 0	0 8 0	55 15 0			
For previous 19 weeks of half-year	49,636	18,424 11 11	1,80,486 20	12,109 9 6	405 10 6	31,943 15 6	9,816	5,008	14,824
Total for 20 weeks	52,251	20,419 0 11	1,87,133 0	12,640 0 11	419 0 0	33,498 0 0	10,325	5,262	15,587
COMPARISON.									
Total for corresponding week of previous year	2,678	840 4 10	2,230 10	193 8 0	25 10 0	1,082 6 10	600	314	914
Per mile of railway corresponding week of previous year	76	30 14 0	82 0	7 3 0	0 15 0	38 0 0			
Total to corresponding date of previous year	53,071	21,709 1 0	70,437 20	6,764 8 0	710 14 0	20,240 7 0	110,398	5,190	25,588

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Nalhati State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 23RD MAY 1886.			RECEIPTS FOR WEEK ENDING 24TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 23RD MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 22ND MAY 1886.			Total increase in 1886.	Total decrease in 1886.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
27½	1,002	39	27½	1,524	56	27½	10,036	360	27½	12,012	474	2,270	...

NORTHERN BENGAL STATE RAILWAY.

Approximate Return of Traffic for week ended 15th May 1886 on 21½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	17,343	12,010 0 0	2,21,512 0	32,430 0 0	3,900 0 0	49,140 0 0	5,436	13,130	18,566
Or per mile of railway	79	48 0 0	800 0	130 0 0	...	178 0 0			
For previous 19 weeks of half-year	338,876	270,993 0 0	32,55,780 0	6,45,784 0 0	90,906 0 0	9,10,583 0 0	96,825	160,633	257,458
Total for 20 weeks	376,219	282,903 0 0	34,77,262 0	6,61,214 0 0	94,706 0 0	9,64,823 0 0	1,00,261	173,763	274,024
COMPARISON.									
Total for corresponding week of previous year	16,487	11,160 12 4	91,850 0	21,134 1 0	2,859 0 5	35,164 0 10	5,436	8,571	14,007
Per mile of railway corresponding week of previous year	62	44 18 9	371 0	84 14 0	...	159 11 0	25	34	59
Total to corresponding date of previous year	337,315	2,63,694 7 11	21,04,144 0	4,04,860 1 0	71,251 0 7	7,39,203 9 0	105,012	154,829	259,841

* Corrected by actuals up to week ending 3rd April 1886.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Northern Bengal State Railway.

RECEIPTS FOR WEEK ENDING 16TH MAY 1886.			RECEIPTS FOR WEEK ENDING 16TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 16TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 15TH MAY 1886.			Total increase in 1886.	Total decrease in 1886.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
240	25,184	141	240	46,240	194	240	1,47,091	142	240	6,00,351*	108	41,480	...

* Corrected by actuals for three days of April 1886.

NORTHERN BENGAL STATE RAILWAY.

Approximate Return of Traffic for week ended 22nd May 1886 on 249 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	19,478	12,970 0 0	1,73,368 0	33,800 0 0	8,330 0 0	40,430 0 0	2,471	12,630	15,101
per mile of railway ...	78	52 0 0	696 0	135 0 0	33 0 0	135 0 0	27	51	78
for previous 19 weeks of half-year ...	370,219	2,80,428 0 0	34,77,292 0	5,80,475 0 0	94,693 0 0	6,64,605 0 0*	140,201	173,793	314,000
Total for 21 weeks ...	389,707	2,93,398 0 0	36,50,660 0	6,14,275 0 0	97,923 0 0	7,12,298 0 0	160,402	186,586	346,988
COMPARISON.									
Total for corresponding week of previous year ...	10,536	12,446 7 6	99,667 0	22,475 8 0	2,061 15 9	24,537 13 5	5,435	8,473	13,908
per mile of railway corresponding week of previous year ...	40	49 15 11	400 0	91 0 10	...	141 0 7	23	34	57
Total to corresponding date of previous year ...	383,898	2,75,140 18 5	32,08,601 0	4,87,533 9 0	74,236 0 4	5,61,769 8 9	111,043	138,311	249,354

* Corrected by actuals up to week ending 10th April 1886.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Northern Bengal State Railway.

RECEIPTS FOR WEEK ENDING 22ND MAY 1886.			RECEIPTS FOR WEEK ENDING 22ND MAY 1885.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 22ND MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 22ND MAY 1885.			Total increase in 1886.	Total decrease in 1885.
Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.		
Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.
50	35,104	149	240	40,430	190	240	2,86,105	143	240	8,37,604*	170	32,400	...

* Corrected by actuals up to week ending 10th April 1886.

EASTERN BENGAL STATE RAILWAY.

Approximate Return of Traffic for the week ended 22nd May 1886 on 234 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated) including steam boat.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week ...	90,008	30,067 0 0	3,27,404 0	42,945 0 0	6,092 0 0	49,037 0 0	10,870	7,861	18,731
per mile of railway ...	385	164 0 0	1,399 0	184 0 0	...	209 0 0	...	...	...
for previous 19 weeks of half-year ...	1,800,774	7,41,230 0 0	76,10,354 0	8,30,263 0 0	1,06,947 0 0	9,37,210 0 0	206,703	183,561	390,264
Total for 20 weeks ...	1,890,842	7,71,317 0 *	79,40,758 0	8,73,218 0 0	1,13,039 0 0	9,86,257 0 0	217,573	191,422	408,995
COMPARISON.									
Total for corresponding week of previous year (audited) ...	82,809	33,852 0 0	2,58,711 0	35,006 0 0	6,600 0 0	41,406 0 0	11,331	8,614	19,945
per mile of railway corresponding period of previous year ...	354	145 0 0	1,103 0	151 0 0	...	206 11 11	...	...	...
Total to corresponding date of previous year ...	2,633,280	9,23,470 0 0	82,99,331 0	9,08,269 0 0	1,40,680 0	10,48,949 0 0	237,515	180,086	417,601

* Audited up to week ended 10th April.

FINANCIAL YEAR.

Approximate Statement of Gross Receipts of the Eastern Bengal State Railway.

RECEIPTS FOR WEEK ENDING 22ND MAY 1886.			RECEIPTS FOR WEEK ENDING 22ND MAY 1885.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 22ND MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 22ND MAY 1885.			Total increase in 1886-87.	Total decrease in 1885-87.
Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.		
Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.
53	75,847	324	234	86,014	308	233	6,52,406	2,800	234	6,43,302	2,621	...	80,014

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 22nd May 1886 on 126 miles open.

	COACHING TRAFFIC		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated.)	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weights carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. c.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week (or per mile of railway)	25,475	8,075 0 0	23,031 c	2,145 0 0	10 0 0	10,200 0 0	3,498	1,024	4,522
For previous 10 weeks of half-year	458,941	1,62,407 0 0	4,99,050 c	41,707 0 0	219 0 0	2,04,633 0 0	70,098	21,046	91,144
Total for 30 weeks	484,416	1,70,482 0 0	5,22,081 c	43,852 0 0	229 0 0	2,14,833 0 0	74,596	22,070	96,666
COMPARISON.									
Total for corresponding week of previous year (audited)	23,036	7,849 0 0	20,308 c	1,534 0 0	40 0 0	9,423 0 0	4,362	1,116	5,478
Per mile of railway corresponding period of previous year	183	62 0 0	210 c	12 0 0	...	74 0 0	...	...	...
Total to corresponding date of previous year	478,781	1,79,375 0 0	5,25,628 c	34,821 0 0	721 0 0	2,14,915 0 0	68,630	21,723	90,353

* Audited up to week ended 3rd April.

FINANCIAL YEAR.

Approximate Statement of Gross Receipts of the Bengal Central Railway.

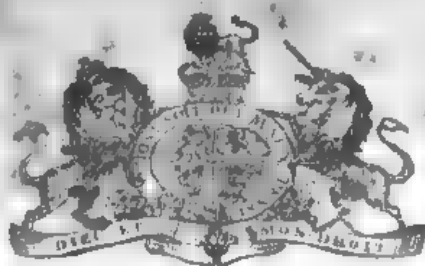
RECEIPTS FOR WEEK ENDING 22nd MAY 1886.			RECEIPTS FOR WEEK ENDING 22nd MAY 1885.			TOTAL RECEIPTS FROM 1st APRIL 1885 TO 22nd MAY 1885.			TOTAL RECEIPTS FROM 1st APRIL 1886 TO 22nd MAY 1886.			Total increase in 1886-87.	Total decrease in 1886-87.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
126	2,428	72	126	10,200	81	126	77,000	610	126	70,578	605	...	1,422

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

Approximate earnings for week ending 22nd May 1886	Rs.	A.	P.
Corresponding week last year	10,734	0	0
Increase	8,825	0	0
Receipts from 1st January to 22nd May 1886	1,909	0	0
Receipts from 1st January to 22nd May 1885	1,67,080	0	0
Ditto from 1st January to 23rd May 1886	1,61,329	0	0
Increase	16,751	0	0
Miles open week ending 22nd May 1886	Miles.		
Corresponding week last year	50½		
Receipts per mile open week ending 22nd May 1886	Rs.	A.	P.
Corresponding week last year	211	8	0
Increase	173	14	8
	37	9	8

SECRETARY'S OFFICE, Darjeeling, the 20th May 1886.

W. STEVENSON, Secretary.



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, JUNE 9, 1886.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE may receive the SUPPLEMENT separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.

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SYSTEM OF THEFTS CARRIED ON IN BENGAL AND ASSAM BY A GANG OF UP-COUNTRY BOATMEN.

No. 4147, dated Fort William, the 22nd April 1886.

From—J. C. VENABLE, Esq., Offg. Inspector-General of Police, L.P.,
To—The Chief Secretary to the Government of Bengal.

WITH reference to your No. 752J of 12th February last, and connected correspondence, I have the honour to submit a note on the system of thefts carried on in Bengal and Assam by a gang of boatmen from the North-Western Provinces, and on the steps taken to track out and disperse them.

2. In February 1885, in consequence of a complaint that several maunds of rice and about Rs. 400 in cash had been stolen from boats moored at a place on the Ganges called Choroktola, fifteen miles from Rampore Beaulah, an up-country boat lying near was searched, when a quantity of property, chiefly jewellery, was found cleverly hidden away in a manner which at once excited suspicion; and information given by members of the crew led to the recovery of other articles secreted on boats which had already started to return to the stream.

3. Further enquiry elicited facts which led to my putting the case in charge of specially selected officers, and it then transpired that the men arrested were members of a gang who had for years past been in the habit

of coming down from Mirzapore, their head-quarters, with cargoes of curry-stones, and that, under pretence of selling these, they committed thefts and robberies both by land and water. The gang, who were 60 or 70 strong, and owned at least ten boats, were well organized, having correspondents at Dacca, Mirzapore, and Serajgunge, who disposed of the property stolen, remitted the proceeds, and provided legal assistance and witnesses to respectability for any one unlucky enough to be arrested. The men too changed from boat to boat as occasion required, thus rendering identification extremely difficult. They of course gave false names and addresses, whilst their field of operation was an extensive one, ranging from Bhagulpore to Dacca, and from Dhubri to Serajgunge. Several of them too were old offenders and ex-convicts who, as residents of another province, had escaped surveillance and been lost to sight.

4. I do not propose to go into the details of the different cases which have been established, and it will be sufficient to say here that an investigation lasting over many weeks, and carried on in several districts, resulted in the arrest of 48 men charged in fifteen cases, in which property was taken to the value of Rs. 6,000, over half of which has been recovered. Of the men sent up, most of them in more than one case, 38 were convicted and sentenced to various terms of imprisonment.

5. Of these fifteen cases, twelve ended in a conviction, but it is to be regretted that the principal one, in which sixteen men were committed to the Sessions as members of a gang of thieves, broke down, the Judge dissenting from the assessors, who were for a conviction.

6. As evidencing the boldness of the gang, it may be mentioned that, whilst the cases were pending, one of their chief supporters—a man in whose name parcels were registered and money-orders taken out—arrived in Rajshahye from Mirzapore bent on undertaking the defence of his clients, and evidently believing he could not be touched. He was arrested and sentenced to two years' rigorous imprisonment under section 414, Penal Code, for assisting in the disposal of stolen property, and the conviction should have an excellent effect.

7. The publicity attending these proceedings, and the general success which has characterised them, will, it is hoped, have the effect of putting the riverside population and boatmen generally on their guard, and of impressing on the Mirzapore police the necessity for keeping a closer supervision on the movements of the bad characters who have made that district their headquarters; for it is estimated that in one way and another not less than a hundred and fifty persons, residents of a belt of villages near the town of Mirzapore, were interested in the movements of the gang which has now been, I hope, effectually exposed and broken up.

On 4th June 1886.—The following papers are published for general information:

P. NOLAN,
Offg. Secy. to the Govt. of Bengal.

ESTABLISHMENT OF A VETERINARY SCHOOL IN BENGAL.

No. 391T.—R., dated Darjeeling, the 25th May 1886.

From—P. NOLAN, Esq., Offg. Secy. to the Govt. of Bengal, Revenue Department,
To—The Director of the Agricultural Department, Bengal.

I AM directed to acknowledge the receipt of your letter No. 415, dated 3rd April 1886, submitting a scheme for the establishment and working of a veterinary school in these provinces, at a cost of Rs. 25,000 a year, the sum entered in the current budget. You propose to open the school at Bhagulpore, with an establishment as to the cost of which you give complete details; to add instruction in agriculture and surveying to the veterinary course; to grant stipends of five rupees a month each to 30 students; and to guarantee employment to those who may complete the college course.

2. The Lieutenant-Governor proposes to visit Bhagulpore during the ensuing rainy season, when a final decision can be arrived at as to the suitability of that station as the site of a veterinary school. You state that the barracks and cantonment grounds there, which are no longer required for troops, can be obtained free of cost from the Military and Public Works Departments, and this is immediate advantage of great importance, with reference to the narrow limits of the resources immediately available for building purposes. Bhagulpore is as favourably situated for the purpose as any station in the mofussil, being intermediate between Bengal and Behar, and connected by rail with both. It is, however, understood that it may yet be possible to open the school in the neighbourhood of Calcutta, and any alternative proposals which may be made for adopting that course will be considered with care.

3. The proposals which you make as to the establishment and other expenses of the school have the general approval of the Lieutenant-Governor, and a representation will be made to the Government of India with a view to procuring the necessary sanction to the appointment of the Superintendent.

4. The course of study which you suggest is approved, with the exception of the provision made for teaching agriculture and surveying. From an educational point of view, these subjects are not connected with the veterinary art, the study of which will by itself fully occupy the time of the students. Questions connected with the cure of cattle and the improvement of breeds are natural adjuncts to such an institution as that which it is proposed to found. The Lieutenant-Governor entirely approves of the proposal to give an appointment in connection with the school to a Cirencester scholar, who has undergone a course of veterinary instruction. These gentlemen have been given special inducements to qualify themselves for such posts as it is now proposed to create, and it is a source of disappointment that Government has not been able to do more for them in the way of finding suitable employment.

5. A certain number of scholarships may be given to encourage diligence, but it is hoped that it will not be necessary to attract pupils by offering to give them stipends. On the contrary, it is expected that the scholars will pay moderate fees as a return for the tuition received. The great demand for employment in Bengal fully justifies the charging of fees for any education which leads to remunerative occupation, and there is a better chance of securing a high class of students where instruction is not eleemosynary. This rule would, however, admit of exceptions, and some few stipendiary students might be admitted, as at Seebpore, from among those who had been best at primary and middle schools.

6. The proposal to guarantee employment to a definite number of passed students is accepted by the Lieutenant-Governor. It is expected that the larger zemindars and municipalities will render valuable assistance in this respect, but Government, in opening a new profession, must be prepared to undertake a certain, though limited, responsibility for the future of its pioneers.

No. 415, dated Calcutta, the 3rd April 1886.

From—M. FINUCANE, Esq., Director of the Agricultural Department in Bengal
To—The Secretary to the Government of Bengal, Revenue Department.

I HAVE the honour to acknowledge the receipt of your letter No. 778—136 Agri., dated 2nd March 1886, directing me to submit proposals for the establishment and future working of a veterinary school in the Lower Provinces, for which you state that a provision of Rs 25,000 has been made in the budget estimate of 1886-87.

2. In reply, I beg to submit in this letter the proposals called for by Government. In order, however, that it may be understood why they have assumed a shape which, it will be observed, is somewhat different from what was originally contemplated, it may, in order to obviate the necessity for reference to previous correspondence, be desirable that I should briefly recapitulate the history of the question.

3. Reports of severe outbreaks of cattle-disease from various parts of these Provinces have for many years back reached the Government of Bengal, and the question of preventing or mitigating these visitations has from time to time received attention. The question was brought into special prominence in 1868-69, when a Commission was appointed by the Supreme Government to enquire generally into Indian cattle plagues and to report on the measures which might be adopted to check their ravages. The Commissioners, in their report submitted in 1871, suggested various precautions to prevent the spread of disease on the appearance of epidemics, but laid particular stress on the need of a skilled agency for the special object of imparting instruction in veterinary science, and training a class of natives for service among the people, whether as Government officers or private practitioners.

4. Arising out of discussions connected with a virulent outbreak of cattle disease in Chota Nagpore in 1873, a proposal was made by the local officers for the establishment of a veterinary class in connection with the Medical College in Calcutta for the purpose of training Sub-Assistant Surgeons and Native Doctors in veterinary practice. The Medical College authorities, having been consulted on the subject, expressed themselves strongly impressed with the necessity for the establishment of a veterinary college, but were opposed to the proposal to mix up medical with veterinary training. Enquiry was made at that time of the Government of India whether there was any prospect of the establishment of a separate veterinary college in Calcutta, and it was ascertained that there was no immediate prospect of any such college being established. Sir George Campbell accordingly allowed the matter to drop.

5. In 1882 Her Majesty's Secretary of State, in his despatch No. 21RW, dated 20th April 1882, called the attention of the Government of India to the subject of the great prevalence of cattle-disease in India and the great loss which it caused, and pointed out that "there is none which deserves the earlier or more careful consideration of the Agricultural Departments then being organised in accordance with the recommendation of the Famine Commission." Lord Hartington desired to be informed, after such reference to Local Governments as might be deemed requisite, what steps had been taken, and what steps it was proposed to take, to give effect to the recommendation of the Commission of 1869.

6. In 1883 His Honor the Lieutenant-Governor, before the receipt from the Government of India of the Secretary of State's despatch, in a resolution dated 22nd January, recorded his opinion that the time had arrived when

K. MacLeod, A.M., M.D., F.R.C.S., } President,
Surgeon-Major.
J. H. B. Hallen, M.D., F.R.C.S., } Members.
Inspecting Veterinary Surgeon.
T. Greenhill, M.D., F.R.C.S.

the question of opening a veterinary school in Calcutta should be taken up and definitely settled. He referred it for enquiry to a Committee of gentlemen named

in the margin, to whom the despatch of Her Majesty's Secretary of State was subsequently referred for consideration.

The report of the Committee was submitted to the Government of India with Mr. Macaulay's letter No. 750, dated 7th April 1883, but the Lieutenant-Governor withheld the expression of his views upon it at that time because, as remarked in Mr. Macaulay's letter, it was his intention to submit proposals for the organisation of a veterinary establishment in connection with the scheme of a Central Board in a somewhat different form to that recommended by the Committee. The scheme for the formation of a Central Board was not, however, adopted and the establishment of a veterinary establishment in connection with it accordingly fell through. But Sir Rivers Thompson desired, at the same time, that the subject should be again taken up in connection with the formation of an Agricultural Department for these Provinces, and the papers were accordingly transferred to me.

7. The Committee appointed in 1883 suggested three plans of different degrees of expensiveness, namely—

- (a) Where the grounds are bought and all buildings erected.
- (b) Where grounds are bought and some additional buildings only are raised.
- (c) Where house and grounds are rented and some additional buildings raised.

In case (a) the initial outlay on buildings and land would be Rs. 41,000; in case (b) it would be Rs. 41,000; while in case (c) the rental would be Rs. 150 to Rs. 200 a month, and the additional buildings and fittings and furnishings would cost Rs. 16,000. In all three cases alike the cost of establishment, keep of cattle, and stipends of 60 students is estimated at Rs. 29,224 per annum.

The estimated cost of the school, as proposed by the Committee, would therefore be—

		Initial outlay for land and buildings.	Establishment.	Total.
		Rs.	Rs.	Rs.
In case (a)	...	41,000	29,224	70,224
Do. (b)	...	41,000	29,224	70,224
Do. (c)	...	16,000	29,224	47,624
	{ Rent	2,400		

The Committee's proposals were made, it is to be observed, on the assumption that the school was to be established in Calcutta or its neighbourhood.

The least expensive of them would involve an immediate initial outlay of Rs. 18,400 and an annual expenditure of Rs. 29,224. But it was found to be impossible to set aside more than Rs. 25,000 from Provincial funds for the purpose of establishing a veterinary college during the financial year which has just expired, and Sir Rivers Thompson did not deem it right in the present state of the finances to ask the Government of India for a grant-in-aid. Nothing could therefore be done last year, nor can any of the three schemes recommended by the Committee be adopted within the coming year, with the sum of Rs. 25,000 which is alone available, if the school is to be opened in Calcutta or its neighbourhood, where the rent of suitable house accommodation and of ground is so high as to be prohibitive.

8. It has, however, been ascertained that the barracks and cantonment grounds at Bhagulpore, which are no longer required for troops, can be obtained free of cost from the Military and Public Works Departments for the purpose of opening a school there. These barracks, for the dismantlement of which orders were about to issue, seem to be admirably suited for the purposes of a veterinary school. The soldiers' lines can be utilised to provide quarters for the students. There is suitable house accommodation for the Superintendent, and there will be no difficulty in providing sheds for the cattle. Thus the initial outlay for land and buildings contemplated by the Committee can be saved. Moreover, Bhagulpore has other advantages over Calcutta as the home of a veterinary school. It is more healthy and it is more central, being situated between Behar and Chota Nagpore on the one side and Bengal on the other, and a school at Bhagulpore is therefore more likely to attract students from all parts of the Province, and they will be exposed to fewer temptations there than in Calcutta or its neighbourhood. For these reasons I would propose that the school be opened at Bhagulpore and not in Calcutta.

<i>Establishment.</i>		
Teaching staff	Monthly. Rs.	Annual. Rs.
1 Superintendent and Professor ...	900	
1 Assistant Superintendent ...	225	
1 Lecturer on Anatomy and Physiology ...	80	
1 Lecturer on Materia Medica ...	80	
Total ...	1,285	15,420
<i>Working Establishment.</i>		
1 Hospital overseer ...	40	
10 Coolies at Rs. 8 each ...	80	
1 Compounder ...	5	
1 Writer ...	25	
4 Sweepers at Rs. 7 each ...	28	
3 Malls at Rs. 10, Rs. 8, and Rs. 7 ...	95	
1 Bhoceti ...	7	
2 Bearers at Rs. 8, and 1 farash at Rs. 7 ...	18	
4 Pankah-pullers at Rs. 4 each ...	16	
Total ...	241	2,692
<i>Stipends.</i>		
80 Students at Rs. 5 each ...	400	3,600
Total ...		21,912
Deduct eight months' wages for pankah-wallahs ...		128
Total ...		21,784
Add for keeping 100 cattle at Rs. 6 a month ...		7,200
Add for contingencies at Rs. 20 a month ...		240
Total ...		29,224

9. Assuming that this proposal is accepted, the annual cost of the requisite establishment, feed of cattle, stipends of students, and contingent expenses on the scale (c) proposed by the Committee would, as shown in the margin be Rs. 29,224. To this must be added the sum necessary to provide fittings and furnishings, estimated by the Committee at Rs. 4,000, thus making in all Rs. 33,224. The amount provided in the sanctioned budget is, however, only Rs. 25,000, thus leaving a deficit of Rs. 8,224. In order to get over this difficulty, I have, in consultation with Dr. MacLeod, the President of the Committee, revised the scale of establishment and of working expenses so as to bring the total cost down to Rs. 25,000. Thus curtailed, Dr. MacLeod and myself would recommend some such scale as the following, the details of which might be modified in consultation with the Superintendent when he is appointed, it being understood that the total cost of the institution to Government shall in no case exceed the sum of Rs. 25,000 per annum:—

<i>Establishment.</i>		
Teaching Staff.	Monthly. Rs.	Annual. Rs.
1 Superintendent and Professor on Rs. 800 per month over his staff pay ...	900	
1 Assistant Superintendent ...	250	
1 Lecturer on Anatomy and Physiology ...	50	
1 " on Materia Medica ...	50	
Total ...	1,250	15,000
<i>Working Establishment.</i>		
1 Hospital Overseer ...	30	
6 Coolies at Rs. 5 each ...	30	
1 Compounder ...	5	
1 Writer ...	25	
4 Sweepers at Rs. 5 each ...	20	
3 Malls at Rs. 6 ...	18	
1 Bhisti at Rs. 5 ...	5	
1 Bearer at Rs. 6 and farash at Rs. 6 ...	12	
Total ...	145	1,740
Add for 4 pankah-pullers at Rs. 4 for four months ...		64
		1,804
<i>Stipends.</i>		
80 Students at Rs. 5 each ...	150	1,800
Keeping of 50 cattle at Rs. 6 a month ...	300	3,600
Contingencies ...	20	240
Total ...		22,444
Add for fittings and furnishings ...		2,556
GRAND TOTAL ...		25,000

10. As to the course of instruction, the subjects to be taught, the number and qualification of students, I would follow generally the recommendations of the Committee with certain modifications, some of which are rendered necessary by the curtailment in the proposed expenditure, and others, it is hoped, will add to the efficiency and usefulness of the school. Among these modifications, one is that I would combine elementary instruction in agriculture, theoretical and practical, and in surveying, with veterinary education. This instruction I would have imparted through the agency of the Assistant Superintendent of the School, who should be a Cirencester graduate. I would also utilise the services of the Superintendent and Assistant Superintendent in making tours in the interior, especially during the recess, wherever severe epidemic may break out, and also in ascertaining what can be done towards introducing new and better breeds of cattle in Government estates, or what existing breeds might be crossed with advantage.

11. Private landowners have often been blamed for having hitherto failed to make any attempt to improve the breed of cattle in Bengal, or to stay the deterioration of existing breeds. But it would seem that it is hardly open to Government or its officers to reproach others for *laches* of this kind, when Government has itself done so little in the vast areas under its own immediate control and management. There prevails, I have been assured in the course of my tours, a strong and general feeling among zemindars, European planters, and other classes, that it is necessary to do something towards the improvement of the breed of cattle in Bengal and Behar. Nobody who has observed the rapid appropriation of village pastures for cultivation, in Behar especially, in recent years, the destruction of old mango groves without plantation of young trees; the miserable condition of the emaciated cattle seen languidly nibbling stunted tufts of grass in the parched lands of that part of the country, during certain months of the year, will be disposed to deny that it is very desirable to do something, if we only knew what to do. The question is, however, one of extreme difficulty. In districts like Darbhanga, Mozufferpore, Sarun and Patna, with a population almost entirely agricultural, of nearly 900 to the square mile, hard pressed for the means of subsistence, and with great consequent competition for land, it is almost impossible to check the appropriation of village pastures for cultivation, or the destruction of groves for the provision of timber and fuel. The result is that there is not at present sufficient supply of food for cattle, and the supply of fodder is yearly becoming less and less. The question of adding to the supply of food, which is closely connected with the question of preventing mortality, and is a necessary antecedent to the question of improving the quality of existing stocks, is, however, one of so much difficulty that it cannot be dealt with here, and can scarcely be regarded at best without a feeling of despair. This much may however be said that if anything is to be done in the direction of improving the cattle of these provinces, the first thing necessary is to acquire information as to what breeds can be usefully introduced or crossed with existing breeds. This information is not at present available in Bengal, nor, as far as I know, is there any person in these provinces who is competent to give such advice on the question as might be safely acted upon. An expert, such as the Superintendent of the proposed veterinary school should be, would soon be able to give valuable and trustworthy advice to Government on these questions, and there would not, I conceive, be very great difficulty in acting on such advice, in khas mehals at least, if Government could only feel assured of its soundness. One very obvious way of improving the breed of cattle without any large outlay would be by the distribution of good and suitable bulls on Government estates. When Government as landlord has set an example of improved management of this kind on its own estates, private landlords may be induced to follow its example, and in time it may be that local unions may be persuaded to co-operate in putting a stop to the present practice of allowing weak and diseased sires to roam at large about the country, spreading disease wherever they go, and propagating the puny animals now seen in Bengal. Before, however, anything is done in the way of discouraging the existing practices, it is first necessary that we should be in a position to recommend something better by way of substitute, and be prepared

to supply suitable bulls, which might be kept in public pounds as public property at the expense of local bodies.

12. With this end in view, it is therefore essential, *firstly*, to know exactly what breeds to recommend; *secondly*, to set a practical example by distributing animals of these breeds on our own estates; and *thirdly*, to be prepared to help private landowners or local bodies with information as to where they can purchase better animals should they desire to do so. If any such action in this direction, as is referred to by the Government of India in their circular No. 122C, dated 5th October 1885, is to be taken, a convenient depot where bulls might be temporarily kept for distribution could, without difficulty be procured near Bhagulpore, and the aid and advice of an expert like the Superintendent of the Veterinary School, with some knowledge of the cattle breeds of India, would be indispensable.

13. *Subjects of Instruction.*—The second modification which I would suggest in the scheme proposed by the Committee is in the subjects which are to form the course of instruction. To the subjects mentioned in the course prescribed by the Committee in paragraph 11 of their report, abstracted in the margin, I would add agriculture and surveying. The Com-

- | | |
|----------------|---|
| A—1st Session— | (a) Anatomy and dissection. |
| | (b) Materia Medica and compounding. |
| | (c) Hospital attendance. |
| B—2nd Session— | (a) Anatomy and dissection. |
| | (b) Materia Medica and compounding. |
| | (c) Pathology. |
| | (d) Hospital attendance. |
| C—3rd Session— | (a) Surgical anatomy and operations. |
| | (b) Compounding. |
| | (c) Pathology. |
| | (d) Hospital attendance (shoeing and
drenching, &c.) |

mittee, it will be observed, recommend that the school should be conducted under the management of a Superintendent, who is to be a qualified veterinary surgeon of some standing with a knowledge of the country and language. An army veterinary surgeon was, in their opinion, preferable for many reasons to a man specially brought out from England. The Superintendent should further, in my opinion, have some practical knowledge of the various breeds of cattle in India, and be able to advise and assist Government in the manner described in the preceding paragraph, in any attempts which it may find possible to make for the improvement of the breeds of cattle in Bengal. An officer who is apparently possessed of these attainments can be had in Lieutenant Steel of the Madras Veterinary Department, who has applied for the appointment, and has been strongly recommended by Mr. Hallen.

14. The Committee also recommended that the Superintendent should be aided by an Assistant Superintendent of the class of Assistant Surgeon or Assistant Apothecary. It appears to me that one of the Cirencester graduates, who have returned from England, would, for many reasons, be preferable to a medical officer as Assistant Superintendent. The Cirencester graduates have already undergone a course of veterinary instruction at Cirencester, and it is very desirable that they should acquire practical experience in the actual treatment of the cattle-diseases of India so that, they may be able later on to superintend veterinary institutions themselves, if necessary; and also that they may be able to turn their theoretical knowledge to use in Government or other estates in the districts to which they may from time to time be attached. Moreover, by appointing one of the Cirencester graduates to the post of Assistant Superintendent of the veterinary school, we should be in a position, without any extra expenditure, to combine lessons in agriculture and surveying with veterinary instruction, and thus to fit the students when they leave the college, for employment not alone in the capacity of cow doctors, but also as overseers in Government and Wards' estates, for the efficient management of which some such agency is required.

15. The grounds attached to the Bhagulpore barracks are very well suited for the purpose of combining veterinary with agricultural instruction. They consist of a plateau about one hundred and fifty acres in extent, which at present is entirely under grass. A small portion of this area might be converted into an experimental farm, another portion might be utilised for the growth of fodder crops, and the remainder might be kept for pasture. One of the Cirencester graduates being appointed as Assistant Superintendent might, in addition to the duties described in paragraph 11B of the Committee's report, instruct the students in agriculture, and also superintend the working of the experimental farm.

All this will, it is to be remembered, involve no additional outlay, as the land belongs to Government, and the Assistant-Superintendent will have to be employed whether he teach agriculture or not.

16. An incidental advantage of this arrangement would be that the students might be trained up to become useful overseers and tehsildars of rent, as well as being cow doctors in Government and Wards' estates, and might at first be guaranteed employment as such, in case they failed to obtain work as private practitioners, or to get employment under zemindars. When the extent of Government and Wards' estates, covering as it does in these provinces an area three times that of all Wales, is borne in mind, it will be seen that there need be no difficulty in providing employment in this way for a large number of passed students on the moderate salaries, ranging from Rs. 15 to Rs. 40 which the Committee proposed in paragraph 20 of their report.

17. *Qualification of students.*—As to the examination and qualifications of students, the Committee (paragraph 14 of their report) expressed the opinion that ability to read and write Bengali should be an indispensable condition of entrance to the school. I would substitute Hindustani for Bengali partly with a view to throwing the institution open to natives of Chota Nagpore and Behar, where the need of veterinary aid is even greater than in Bengal, and partly because it would be impossible, I fear, to secure as Superintendent a Veterinary Surgeon with ability to lecture in Bengali. Moreover, it is much easier for Bengalis to acquire (if indeed they are not ordinarily possessed of) a knowledge of Hindustani sufficient to enable them to understand lectures delivered in that language than it would be for Beharis to learn and understand Bengali.

18. *Number of students.*—The Committee proposed to provide stipends of Rs. 5 a month for 60 students. In view, however, of the difficulty in providing the necessary funds for 60 stipends, it will be sufficient, at first at all events, to provide 30 stipends of that amount. Other students will probably come at their own expense, and some may, I hope, be sent at the expense of zemindars or local bodies.

The reports of Commissioners of Divisions show that private individuals and local bodies have already promised to provide employment for some 15 passed students on their leaving the college; and even were this not so, there ought, as already remarked, to be no difficulty in providing them employment for many years to come in Wards' and Government estates.

19. To summarise, my proposals in modification of those made by the Committee are—

- (1) That the school be opened at Bhagulpore.
- (2) That the scale of establishment, stipends, and expenditure generally be that given in paragraph 9, subject to modification in details, and to a maximum limit of expenditure of Rs. 25,000 per annum.
- (3) That instruction on agriculture and surveying be added to the course of instruction suggested by the Committee, and that attention be also given to the question of breeding and improvement of cattle.
- (4) That the number of stipends be reduced from 60, as recommended by the Committee, to 30.
- (5) That the holders of these stipends be at first guaranteed employment on completion of their college course, primarily under such private landholder and local bodies as may be willing to employ them, and failing that under Government on estates under its management.

To all these proposals Dr. MacLeod assents.

20. In conclusion, I may be permitted to say that whether we look to the admitted necessity for taking measures for the prevention and cure of cattle-disease, to the equally urgent need for doing something towards the improvement of existing breeds, or to the necessity for training up some kind of intelligent agency for the collection of rents and carrying on the details of management in Government and Wards' estates, the

conclusion suggested is the same, namely, that it is essential that an institution like that now proposed should be opened in these Provinces. Looking to the duty of Government as landlord on the estates under its own management alone, apart from its duty as sovereign, and bearing in mind that these estates extend over an area of more than twelve million acres, it seems to be a reproach to the administration that there is absolutely no sort of trained agency in these Provinces capable of giving intelligent advice or taking intelligent action for the prevention or cure of cattle-disease, for the improvement of the existing wretched breed of cattle, or for executing efficiently any other works of improvement which an intelligent and prudent landlord charged with the management of so vast an estate would certainly undertake in his own interest.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government during the week ending the 5th June 1886.

No.	District, and date of return.	Rainfall at Standard Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL.			
<i>Western Districts.</i>			
SUNDERLAND DIV.	1 Burdwan, June 5 '86	0.98	Weather—much warmer again. Prospects of crops good. Price of common rice 18 to 20½ seers per rupee.
	Calna	1.41	
	Osawa	1.21	Weather—hot and close. Sowing of <i>aus</i> and <i>amra</i> still continues. Standing crops doing well. Public health good.
	Ranigunge	0.71	
	2 Bankura, " 5 "	2.55	Weather—very hot. More rain wanted to facilitate sowing. Public health exceptionally good.
	3 Beerbhoom, " 5 "	0.25	Weather—getting hotter every day. Cultivation of land and sowings of rice in active progress everywhere. Public health good.
	Rampur Hant	0.71	Weather—seasonable. Cultivation progressing favourably as regards all crops. Public health good.
PRESIDENT DIV.	4 Midnapore, " 5 "	1.31	
	5 Hooghly, " 5 "	0.23	Weather—sultry and oppressive. Sowing of <i>aus</i> and <i>amra</i> rice going on. Sugarcane planted. Jute being sown; seedlings healthy; area sown average.
	Serampore	0.65	
	Jehanabad	0.17	Weather—very hot. Sowing of jute and early paddy has commenced. Public health generally good.
	Howrah, " 7 "	Nil	
	<i>Central Districts.</i>		Weather—very sultry and unsettled. <i>Aus</i> rice good. <i>Amra</i> rice cultivation still in progress. Health good.
	6 24-Pergha, June 8 '86	Return not recd.	
RAJSHAHY DIV.	7 Nuddea, " 5 "	0.11	Weather—sultry with slight rain. <i>Aus</i> rice above ground. Ploughing continues. Prospects good. Public health good.
	Kooshtea	5.37	
	Moharpur	3.28	Weather—very hot. Sowings of <i>aus</i> and <i>amra</i> crops still going on. Young paddy plants thriving. Prospects appear to be good. Health good.
	Chandanga	6.26	
	Ranaghat	2.08	Weather—sultry. Sowing of rice crop still in rapid progress. All prospects good. Public health fair. Price of rice stationary.
	Khoolna, " 5 "	0.39	
	8 Jessore, " 5 "	1.20	Weather—favourable. Less rain this week. Cultivation of <i>aus</i> , jute, and sugarcane going on well. Rice selling from 18 to 24 seers per rupee.
RAJSHAHY DIV.	Jhenidah	1.38	
	Magura	6.31	Weather—cloudy and close. Prospects of standing crops (paddy, jute, <i>sis</i> , and indigo) generally good. More rain wanted for sowings on high lands. Health fair.
	Narail	0.01	
	Bongong	1.16	Weather—hot and rainy. Prospects of early paddy and jute continue favourable. Land is being prepared for <i>amra</i> crop. <i>Chama</i> harvested. <i>Koma</i> is ripe at places. Cholera reported from thanas Ulipore and Sundergunge, and cattle-disease from Nageswari. Public health otherwise good.
	10 Moorebhabad, " 5 "	1.78	
	Lalbagh	1.35	Weather—very close at times. Clouds daily. <i>Aus</i> and jute seedlings doing well. Prospects favourable. Cholera abating.
	Kandi	0.53	
RAJSHAHY DIV.	Jangipore	1.00	Weather—fine and hot. Crops all good. A few more fatal cases of cholera have occurred.
	11 Dinagore, June 2 '86	4.32	
	12 Rajshahy, " 5 "	2.98	Occasional storms of rain varied with hot muggy weather. Prospects of all crops favourable. Jute well reported of from all places except Titaley. Sugarcane progressing well. Public health good.
	Natore	0.75	
	Nowgong	3.15	Weather—hot. <i>Amra</i> paddy being sown in low lands. Recent rain has done much good to crops. Prospects good. Public health good.
	13 Rangpur, " 5 "	7.10	
	Kurigram	7.43	Weather—hot and cloudy. Crops all doing well. Public health good.
RAJSHAHY DIV.	Gaibanda	4.26	
	Nilphamari	4.68	Weather—seasonable. Rains apparently set in. Cultivation of <i>amra</i> crop has begun. General health indifferent.
	14 Bogra, " 5 "	2.09	
	Sherpur	2.20	Weather—cloudy with frequent showers. Prospects of crops good. Public health fair.
	Nowkhilla	5.09	
	15 Pabna, " 5 "	0.65	Prospects of crops somewhat damaged. <i>Panis aus</i> being reaped. Cattle-disease continues. Public health good. Prices rising.
	16 Serajgunge, " 5 "	3.19	
RAJSHAHY DIV.	17 Darjeeling, " 5 "	1.35	Rain and south wind and heavy sky since 30th May; temperature fallen some seven degrees at noon. Sowing of <i>aus</i> nearly finished. Sowing of <i>amra</i> going on. Prospects of rice, betelnut, and coconut crops good. A good deal of fever, but health good for the season. Odd cases of cholera continue.
	18 Dacca, June 5 '86	1.68	
	Manickgunge	1.52	Weather—cool. <i>Aus</i> and <i>amra</i> plants thriving. Hill <i>sis</i> promises well. Sugarcane plants healthy. Cholera abated.
	Munshigunge	3.29	
	Narsingunge	3.42	Weather—rainy and sunny throughout week. Sowing in <i>jeema</i> continues. <i>Aus</i> paddy doing well. Fever prevalent.
	19 Furrasgunge, " 5 "	1.03	
	Madaripore	1.13	Weather—cloudy and occasionally rainy. Prospects of <i>satya</i> paddy good. <i>Jeema</i> crops still being sown, and sugarcane being transplanted. Public health good.
CHITTAGONG DIV.	Gosaiundo	1.03	
	20 Backergunge, " 3 "	4.26	Weather—rainy and sunny throughout week. Sowing in <i>jeema</i> continues. <i>Aus</i> paddy doing well. Fever prevalent.
	21 Mymensingh, " 4 "	1.35	
	Jamalpur	3.13	Weather—cloudy and occasionally rainy. Prospects of <i>satya</i> paddy good. <i>Jeema</i> crops still being sown, and sugarcane being transplanted. Public health good.
	Kishoregunge	2.93	
	Atta	2.33	Weather—rainy and sunny throughout week. Sowing in <i>jeema</i> continues. <i>Aus</i> paddy doing well. Fever prevalent.
	Netrokona	3.40	
CHITTAGONG DIV.	22 Chittagong, June 5 '86	25.54	Weather—cloudy and occasionally rainy. Prospects of <i>satya</i> paddy good. <i>Jeema</i> crops still being sown, and sugarcane being transplanted. Public health good.
	23 Noakhally, " 4 "	2.43	
	Fenny	1.41	Weather—rainy and sunny throughout week. Sowing in <i>jeema</i> continues. <i>Aus</i> paddy doing well. Fever prevalent.
	24 Tipperah, " 3 "	2.23	
	Brahmunberish	1.72	Weather—cloudy and occasionally rainy. Prospects of <i>satya</i> paddy good. <i>Jeema</i> crops still being sown, and sugarcane being transplanted. Public health good.
	Chandpur	1.60	
	25 Chittagong Hill Tracts, " 1 "	1.61	Weather—cloudy and occasionally rainy. Prospects of <i>satya</i> paddy good. <i>Jeema</i> crops still being sown, and sugarcane being transplanted. Public health good.
	Hill Tipperah, " 3 "	2.73	

No.	District, and Date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BEHAR.			
PATNA DIV.	26 Patna, June 5 '86	Nil	Weather—very hot with changeable winds. <i>Chenna</i> is being cut. Sugarcane looks promising. Public health generally good. A few cases of cholera reported from Barh sub-division.
	27 Dya, " 5 "	0.61	Weather—hot and oppressive, but west winds have now returned. <i>Katori</i> and <i>Sanga</i> coming on well. <i>Chenna</i> being harvested. Cattle disease reported from one village, fever from several, and small-pox from one or two. Public health generally good. Prices continue moderate.
	28 Shahabad, " 5 "	0.08	Weather—very hot and occasionally cloudy. Prospects of sugarcane and indigo favourable. Public health fair.
	Bazar	0.10	
	Bamscram	0.20	
	Bhabhua	0.50	Weather—hot with occasional gathering of clouds. Prospects of early paddy, moong and <i>chenna</i> promising. Lands being ploughed for <i>shadoi</i> sowings. Prices continue stationary. Public health generally good.
	29 Darbhanga, " 5 "	1.45	
	30 Mousserpara, " 5 "	1.72	
	Hajipore	Nil	Weather—close and hot. A storm with rain occurred at the beginning of the week. <i>Shadoi</i> sowings have commenced. Public health fair.
	Sitamarkhi	1.80	
31 Saran, " 5 "	Nil	Weather—seasonable. Crops on ground look well. <i>Shadoi</i> sowings commenced. Public health good.	
32 Champaran, " 5 "	2.25	Weather—hot. Rain has done much good to indigo and other crops on ground. Lands being prepared for <i>shadoi</i> sowings. Prices stationary. Some cases of small-pox and fever reported.	
BRABHUPUR DIV.	33 Monghyr, June 5 '86	0.20	Weather—hot and sultry. Lands are being prepared for <i>shadoi</i> crops. Sowings of early paddy seedlings going on. Public health good, but sporadic cases of small-pox continue to be reported from Begoeserai. Prices stationary.
	Begoeserai	0.09	
	Jamui	0.93	Rainfall capricious. Five inches more at Supoul than at Mudhepara. Weather sultry and west wind has returned. Cultivation very forward; <i>shadoi</i> sowings in progress. Heavy rain in north damaged them a little. Public health good.
	34 Hanguipore, " 5 "	1.00	
	35 Purneah, " 5 "	0.19	Weather—hot; rains unusually defective. Crops doing well. More rain wanted.
	Kissengunge	1.52	
	Arracah	2.33	Weather—very hot. <i>Shadoi</i> paddy coming on well. More rain wanted for ploughing and sowing winter rice. Common rice selling at 21 seers per rupee. Public health good.
	36 Maldah, " 5 "	2.33	
	Chanchal	0.33	Weather—very hot, with westerly winds. Sowing of <i>shadoi</i> crops commenced. Lands being prepared everywhere. General health good.
	Shibgunge	1.95	
Gazole	1.90	Weather—hot and cloudy. Rice being sown. Cotton being plucked. Heavy rain of last week beneficial to ploughing, and sowing of rice crops. Price of rice almost unchanged. Public health generally good, except a few cases of cholera reported from the interior.	
37 Bonthal Pargha, " 5 "	0.46		
Deoghur	2.68	Weather—occasionally cloudy. Ploughing and manuring of lands for evening <i>sorad</i> crops going on. <i>Sorad</i> sowing has commenced. Cotton being gathered. Relief works going on in the Chitka tracts. Common rice sells at an average of 19 seers 12 chittacks per rupee in the Sudder sub-division and 17 seers 11 chittacks in the Khoorda sub-division. Cases of cholera reported from the Mofussil.	
Gudda	0.06		
Jamtara	0.94	Weather—very hot. Ploughing going on actively. With the exception of a few sporadic cases of cholera and fever, public health generally good.	
Pakour	1.01		
ORISSA.			
CHINA DIV.	38 Cuttack, June 4 '86	4.73	Weather—hot and cloudy. Rice being sown. Cotton being plucked. Heavy rain of last week beneficial to ploughing, and sowing of rice crops. Price of rice almost unchanged. Public health generally good, except a few cases of cholera reported from the interior.
	39 Pooree, " 3 "	0.73	
	Khoorda	2.75	Weather—occasionally cloudy. Ploughing and manuring of lands for evening <i>sorad</i> crops going on. <i>Sorad</i> sowing has commenced. Cotton being gathered. Relief works going on in the Chitka tracts. Common rice sells at an average of 19 seers 12 chittacks per rupee in the Sudder sub-division and 17 seers 11 chittacks in the Khoorda sub-division. Cases of cholera reported from the Mofussil.
40 Balasore, " 4 "	0.56		
CHOTA NAGPORE.			
South-West Frontier Agency.			
41	Huaribaga, June 4 '86	0.60	Weather—unsettled and stormy. Ploughing and sowing proceeding all over the district. Sugarcane doing well. General health good.
42	Loharungga, " 5 "	0.54	Weather—seasonable, warm. More or less rain daily in the interior of the Sudder station, and at head-quarters of the sub-division. Cultivation progressing. Prices stationary. Public health good.
43	Mungaham, " 4 "	2.56	Weather—cloudy and cool; storms during week. Rain general all over the district. Ploughing and sowing actively proceeding. <i>Dhan</i> sprouting. Health good.
44	Marbhoom, " 5 "	1.53	Weather—unsettled. Heavy rain during early part of week. Ploughing of rice lands in progress, also for maize. A few cases of cholera reported.
	Govindpore	0.31	

Published for general information.

CALCUTTA, REVENUE DEPT.;
The 8th June 1896.P. NOLAN,
Offg. Secy. to the Govt. of Bengal.

STATEMENT SHOWING THE STOCKS OF RICE IN AND AROUND CALCUTTA.

STOCK IN HAND AS COMPILED ON -

NAME OF WARE.	1st week of June 1885.	1st week of July 1885.	1st week of August 1885.	1st week of Sept. 1885.	1st week of Oct. 1885.	1st week of Nov. 1885.	1st week of Dec. 1885.	1st week of Jan. 1886.	1st week of Feb. 1886.	1st week of April 1886.	1st week of May 1886.	1st week of June 1886.
Bahadurpore	7,12,500	5,10,000	4,50,000	3,10,000	3,00,000	2,85,000	3,85,000	3,94,000	5,98,000	16,51,000	2,57,000	2,57,000
Chandana	79,700	77,000	80,000	81,500	82,500	83,000	84,000	85,000	86,000	87,000	88,000	89,000
Chandana, Gopalpore, Coomra, and Gopalpore.	3,10,700	3,10,000	3,07,700	3,05,000	3,03,000	3,01,000	3,00,000	2,99,000	2,98,000	2,97,000	2,96,000	2,95,000
Chandana, Poda, and Chandana.	2,300	3,000	4,000	5,000	6,000	7,000	8,000	9,000	10,000	11,000	12,000	13,000
Chandana, Chittab, Kildapore, and Chandana.	38,500	1,07,000	1,07,000	1,08,000	1,09,000	1,10,000	1,11,000	1,12,000	1,13,000	1,14,000	1,15,000	1,16,000
Minor Bazars (estimated) ...	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000
Other retail shops, 2,125 in number (estimated).	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000	2,40,000
Koldahat, Nandahat, Bhudramur, and Chandana.	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500	12,500
Total	22,40,352	20,09,300	17,70,145	17,11,003	16,04,178	14,26,181	10,74,177	14,81,035	17,33,964	23,28,181	22,27,549	20,01,100
On Railway premises on both sides of the river.	400	500	1,473	1,473	1,473	1,473	1,473	1,473	1,473	1,473	1,473	1,473
On boats loaded ...	24,931	24,931	24,931	24,931	24,931	24,931	24,931	24,931	24,931	24,931	24,931	24,931
By Port Com. ...	24,931	24,931	24,931	24,931	24,931	24,931	24,931	24,931	24,931	24,931	24,931	24,931
By Canal returns	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000	30,000
Grand Total of Stocks	22,46,383	20,44,053	18,45,078	17,40,303	16,34,679	14,77,233	10,81,216	14,60,447	17,71,049	23,20,774	22,28,003	20,01,101
Probable stock available for exportation by sea.	12 lakhs.	10 lakhs.	8 lakhs.	7 lakhs.	6 lakhs.	4 lakhs.	5 lakhs.	6 lakhs.	9 lakhs.	13 lakhs.	12 lakhs.	10 lakhs.

STATISTICAL DEPARTMENT,

The 5th June 1886.

P. NOLAN,

Offg. Secretary to the Govt. of Bengal.

PRICES-CURRENT (retail) of Food-grains, Firewood and Salt in the

		QUANTITIES PER RUPEE IN																							
		WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			JOWAR OR CHOLU. (Sorghum Pylgura.)											
Number.	DISTRICTS.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.						
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.					
BENGAL.																									
Western Districts.																									
1	Burdwan	16 0	17 8	17 0	37 8	...	...	15 0	16 0	13 6	18 19	21 0	18 0	...	...	...	...	...	...
2	Bankura	18 6	18 6	16 0	24 0	24 0	18 0	19 8	19 8	14 8	22 8	22 8	17 0	...	...	...	...	...	...
3	Boorhoom	16 0	19 8	17 4	...	...	...	16 0	15 8	12 0	19 6	19 6	13 12	...	...	...	...	...	...
4	Midnapore	16 0	19 0	12 0	...	...	...	16 0	16 0	14 0	22 0	22 0	18 0	...	...	...	...	...	...
5	Hooghly	16 0	19 0	14 0	...	...	...	10 0	10 0	0 0	14 0	14 0	13 8	...	...	...	...	...	...
	Hawrah	16 0	16 0	16 19	...	...	...	8 0	8 0	11 4	15 0	15 0	13 0	...	...	...	...	...	...
Central Districts.																									
	Calcutta	16 0	16 0	18 0	21 8	21 8	19 0	8 4	8 8	7 8	16 0	15 0	...	19 0	18 0	11 14	...	...	...			
6	24-Pergannahs	4	13 4	18 0	20 0	20 0	20 0	8 0	8 0	8 0	13 4	3 5	16 0	...	...	...	...	...	...
7	Naddea	17 4	17 4	17 4	26 0	26 0	22 16	...	...	...	...	...	...	...	...	...	...	...	...
8	Khoolna	...	...	...	...	...	...	14 0	16 0	13 0	17 0	16 0	16 0	...	...	...	...	...	...
9	Jessore	13 4	13 4	14 8	...	...	...	18 0	18 4	12 12	16 12	17 4	14 8	...	...	...	...	...	...
10	Moorsheadabad	20 0	20 0	17 12	...	...	...	13 4	13 8	10 8	17 0	16 8	13 4	...	...	...	...	...	...
11	Dinagopore	15 8	16 0	16 0	17 8	17 0	...	17 6	18 12	12 12	20 4	22 0	14 0	...	...	...	...	...	...
12	Kajshahys	17 0 to 21 0	17 4 to 21 0	17 4 to 18 12	32 0	35 10	28 4	16 4	16 0	12 0	18 8	18 0	13 8	...	...	...	...	...	...
13	Rangpore	20 0	17 12	20 0	...	...	...	16 0	14 4	10 0	20 0	17 12	13 4	...	...	...	...	...	...
14	Bogra	18 0	17 4	16 8	...	...	...	13 8	13 0	9 0	22 8	21 0	13 8	...	...	...	...	...	...
15	Pabna	22 8	21 12	19 8	...	...	...	7 14	8 0	8 4	18 6	18 0	12 12	...	...	...	...	...	...
16	Darjeeling	11 0	9 0	11 0	0 0	10 0	10 0	5 0	5 0	5 0	13 0	13 0	11 0	...	...	...	...	...	...
17	Jalpigoree	13 4	13 4	13 0	20 0	20 0	16 0	15 0	13 0	12 0	24 0	22 0	14 0	...	...	...	...	...	...
Eastern Districts.																									
18	Dacca	16 0	16 8	21 0	25 0	28 0	32 0	13 0	14 0	14 0	16 0	17 0	13 0	...	...	...	...	...	...
19	Farrakpore	24 0	24 0	16 0	25 0	25 0	20 0	16 0	16 0	18 0	17 19	17 12	14 8	...	...	...	...	...	...
20	Backergunge	...	...	...	...	...	...	13 8	13 0	12 0	16 0	16 0	14 0	...	...	...	...	...	...
21	Mymensingh	13 4	13 4	13 4	...	...	...	13 0	14 8	12 0	21 0	21 0	16 0	...	...	...	...	...	...

A In sub-divisions retail prices of salt per rupee were:—Calcutta 14 seers, Cutwa 13½ seers, and Bahadurgunge 13 seers.

B In Bishnupore retail price of salt 13 seers per rupee.

C In Rampore retail price of salt 13½ seers per rupee.

D In Contai and Tumuk retail prices of salt 11 seers, per rupee.

E In sub-divisions retail prices of salt per rupee were:—Berampore 13 seers, and Jehanabad 13½ seers.

E1 In sub-divisions retail prices of salt per rupee were:—Baranet 12½ seers, Bussurant 13 seers, Diamond Harbour (at Kulphat) 12½ seers, and Barrackpore and Dum-Dum 12 seers.

F In sub-divisions retail prices of salt per rupee were:—Koushtea 12½ seers, Ranaght 12½ seers, Maherpore and Choodanga 12 seers.

G In Baghat and Sakthura retail prices of salt 11 seers, per rupee.

H In sub-divisions retail prices of salt per rupee were:—Jherda and Narail 15 seers, Magora 10½ seers, and Bengoug 13 seers.

I In sub-divisions retail prices of salt per rupee were:—Lalbagh and Kandi 12 seers and Jungipore 11½ seers.

WEEKS OF 20 YEARS.

WATER OF CUMBO.
(Pommatum typha-
stem.)

MARCA DE REG.
(Blasine Cordana.)

Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
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W. P. C. S. C. S. C. S. C.

1	1	1	1	1
2	2	2	2	2
3	3	3	3	3
4	4	4	4	4
5	5	5	5	5
6	6	6	6	6
7	7	7	7	7
8	8	8	8	8
9	9	9	9	9
10	10	10	10	10

13 0 17 0

11	11	11	11	11
12	12	12	12	12
13	13	13	13	13
14	14	14	14	14
15	15	15	15	15
16	16	16	16	16
17	17	17	17	17
18	18	18	18	18
19	19	19	19	19
20	20	20	20	20
21	21	21	21	21
22	22	22	22	22
23	23	23	23	23
24	24	24	24	24
25	25	25	25	25
26	26	26	26	26
27	27	27	27	27
28	28	28	28	28
29	29	29	29	29
30	30	30	30	30
31	31	31	31	31
32	32	32	32	32
33	33	33	33	33
34	34	34	34	34
35	35	35	35	35
36	36	36	36	36
37	37	37	37	37
38	38	38	38	38
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52	52	52	52	52
53	53	53	53	53
54	54	54	54	54
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58	58	58	58	58
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92	92	92	92	92
93	93	93	93	93
94	94	94	94	94
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96	96	96	96	96
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98	98	98	98	98
99	99	99	99	99
100	100	100	100	100

11 0

101	101	101	101	101
102	102	102	102	102
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108	108	108	108	108
109	109	109	109	109
110	110	110	110	110
111	111	111	111	111
112	112	112	112	112
113	113	113	113	113
114	114	114	114	114
115	115	115	115	115
116	116	116	116	116
117	117	117	117	117
118	118	118	118	118
119	119	119	119	119
120	120	120	120	120
121	121	121	121	121
122	122	122	122	122
123	123	123	123	123
124	124	124	124	124
125	125	125	125	125
126	126	126	126	126
127	127	127	127	127
128	128	128	128	128
129	129	129	129	129
130	130	130	130	130
131	131	131	131	131
132	132	132	132	132
133	133	133	133	133
134	134	134	134	134
135	135	135	135	135
136	136	136	136	136
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138	138	138	138	138
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141	141	141	141	141
142	142	142	142	142
143	143	143	143	143
144	144	144	144	144
145	145	145	145	145
146	146	146	146	146
147	147	147	147	147
148	148	148	148	148
149	149	149	149	149
150	150	150	150	150
151	151	151	151	151
152	152	152	152	152
153	153	153	153	153
154	154	154	154	154
155	155	155	155	155
156	156	156	156	156
157	157	157	157	157
158	158	158	158	158
159	159	159	159	159
160	160	160	160	160
161	161	161	161	161
162	162	162	162	162
163	163	163	163	163
164	164	164	164	164
165	165	165	165	165
166	166	166	166	166
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169	169	169	169	169
170	170	170	170	170
171	171	171	171	171
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11 0

KANGRI OR KANGRI
ITALIAN MILLET.
(Setaria italica.)

GRAM, CHANA,
CHHOLA, KADDA
OR SURANA
(Cicer arietinum)

Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
-----------------	------------------------	------------------------------------	-----------------	------------------------	------------------------------------

S. Cb.	S. Ch.	S. Cl.	S. Ch.	S. Cl.	S. Ch.
...	17 8	20 0	...
...	18 4	19 4	...
...	22 0	22 0	...
...	17 0	17 0	...
...	16 0	16 0	...
...	21 0	21 0	...
16 0	16 0	...	20 6	20 6	...
...	17 8	17 8	...
...	22 14	24 14	...
...	16 0	...
...	21 0	...
...	26 0	26 0	...
...	18 12	19 0	...
...	22 0	22 8	...
...	16 0	17 12	...
...	18 12	31	...
...	21 0	21	...
...	10 0	10 0	...
...	15 5	15 6	...
...	16 0	21 0	...
...	16 0	16 0	...
...	16 0	16 0	...
...	16 0	16 0	...

Districts of Bengal during the Fortnight ending the 31st May 1880.

[illegible]

J 10 Natter and Nongong retail price of salt 12 seers per rupee.
 K In sub-division retail prices of salt per rupee were:—Kumargum 12 seers, Nilphamari 12 seers.
 L In Serajunga retail price of salt 12 seers per rupee.
 M Retail price of salt in Alipore sub-division (at Falacotta) 10 seers per rupee.
 N In sub-division retail prices of salt per rupee were:—Manickgunge 11 seers, Mooshingunge 10½ seers, and Naraingunge 12½ seers.
 O In sub-divisions retail prices of salt per rupee were:—Goolundo 12 seers, and Madarigunge 12½ seers.
 P In sub-divisions retail prices of salt per rupee were:—Petrogunge 11 seers, Bhoia 10½ seers.
 Q In sub-division retail prices of salt per rupee were:—Kimburegunge 10 seers 10½ chittaks, Attia 12 seers, Jansalpara 10½ seers, Bhorepara 10 seers, and Nourkora 12½ seers.

PRICES-CURRENT (retail) of Food-grains, Firewood and Salt in the

		QUANTITIES PER RUPEE IN															
		WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			LOWAR OR CHOLAR. (Sorghum Vulgare.)			
Number.	DISTRICTS.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
		S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
Eastern Districts.—Concluded.																	
22	Chittagong	15 0	16 0	16 0	...	...	...	11 0	11 0	13 0	11 0	14 0	15 0	...	...	...
23	Noakholly	...	...	...	...	...	...	14 0	13 0	15 0	13 0	14 0	17 0	...	...	...
24	Tipperah	12 4	13 5	14 3	...	...	...	16 0	16 0	14 14	16 15	18 0	16 3	...	...	...
25	Chittagong Hill Tracts.	...	...	...	...	...	...	11 0	10 10	12 4	13 0	11 6	13 6	...	...	...
	Hill Tipperah	12 0	19 0	19 0	...	...	...	11 0	12 0	13 0	15 0	16 0	18 0	...	...	...
BEHAR.																	
26	Patna	21 0	20 0	21 0	28 0	28 0	26 0	11 8	11 8	10 8	17 0	17 0	15 0	18 0	26 0	...	
27	Gya	19 0	18 8	17 8	30 0	30 0	23 8	8 0	8 8	10 0	15 8	16 0	13 8	22 0	21 0	...	
28	Bhagalabad	19 0	13 8	20 0	26 0	27 0	24 0	8 0	8 0	10 0	18 0	16 0	13 0	...	...	...
29	Darbhanga	19 0	8 8	17 0	28 0	28 8	23 0	10 0	10 0	11 0	16 8	16 0	13 0	...	...	...
30	Munsterpore	20 0	20 0	19 0	30 0	30 0	24 0	12 0	12 0	11 0	16 0	16 0	13 0	...	...	...
31	Baran	18 0	18 8	20 8	28 0	27 8	28 0	7 8	7 4	8 8	19 0	18 8	16 0	...	...	...
32	Clumparan	21 0	20 0	16 8	32 0	32 0	23 0	10 0	10 0	10 0	10 0	10 0	12 0	...	...	...
33	Monghyr	22 0	23 2	21 0	27 12	26 12	26 3	12 1	13 9	10 6	15 12	16 4	13 9	24 2	24 2	...	
34	Bhagulpore	21 3	18 5	19 9	30 5	30 5	25 4	16 2	15 2	11 6	17 10	17 10	13 14	...	...	...
35	Patnaah	20 0	21 0	20 0	...	...	...	18 0	19 0	14 0	21 0	21 0	15 0	...	...	...
36	Maidah	21 0	22 0	21 0	...	...	...	10 0	10 0	11 0	21 0	21 0	16 0	...	...	...
37	Southal Perga.	16 0	17 0	16 0	...	...	...	16 0	16 0	11 0	23 0	23 0	14 8	...	...	...
ORISSA.																	
38	Cuttack	19 11	19 11	15 12	...	...	...	10 8	10 8	13 2	17 1*	17 1	17 1	...	...	...
39	Pooree	15 12	15 12	15 12	...	...	...	14 7	15 12	14 7	19 11	21 0	21 0	...	...	...
40	Balasore	16 0	18 0	18 0	13 0	13 0	10 0	13 0	13 0	13 0	24 0	24 0	23 0	...	...	...
CHOTA NAGPORE.																	
South-Western Frontier Agency.																	
41	Bazarabagh.	17 0	17 0	14 4	24 0	20 0	16 0	10 0	10 0	9 0	18 0	18 8	13 8	...	...	...
42	Lohardugga	19 0	20 0	15 0	22 0	22 0	20 0	16 0	16 0	14 0	21 0	21 0	16 0	...	...	...
43	Kangbloom	21 0	24 0	20 0	32 0	32 0	20 0	24 0	24 0	20 0	28 0	28 0	24 0	...	...	...
44	Manbbloom	17 0	18 0	14 8	32 0	32 0	...	16 0	18 0	13 0	20 0	27 0	18 0	...	...	...

* In the interior retail prices of common rice ranged from 18 seers 0 chittacks to 21 seers per rupee.

B In Cut's Bazar retail price of salt 1½ seers per rupee.

S In sub-divisions retail prices of salt per rupee were:—Brahmunberiah 12½ seers, and Chandpore 12 seers.

T In sub-divisions retail prices of salt per rupee were:—Jehanabad 12 seers, Aurangabad 11½ seers and Nowada 10 seers.

U In sub-divisions retail prices of salt per rupee were:—Buxar 12 seers, Bhabuah 11 seers and Basseem 11½ seers.

V In sub-divisions retail prices of salt per rupee were:—Madhubani 11 seers, and Tarpore 11½ seers.

W In sub-divisions retail prices of salt per rupee were:—Sitamarree 11 seers and Rajepore 12½ seers.

X In sub-divisions retail prices of salt per rupee were:—Sewan 11½ seers, and Gopalpore 12 seers.

Y In Borthal retail price of salt 1½ seers per rupee.

KARONI OR KARUN ITALIAN MILLET. (<i>Setaria italica</i>)			GRAM, GHARA, CHHOLI, KADALAY, OR HUMAUA. (<i>Oryza arizotum</i>)		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.

S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.
...	12 0	15 0	12 0	...	...	...
...	13 0	13 0	12 0	...	...	...
...	14 12	14 0	10 0	...	...	...
...
...	12 0	12 0	14 0	...	...	...

20 0	19 0	...	29 0	27 12	24 0
16 0	15 0	...	24 0	23 6	21 6
...	...	...	20 0	24 0	21 0
18 0	17 8	...	20 0	19 8	20 15
...	...	...	23 8	23 6	20 6
16 0	16 0	...	24 8	25 0	23 0
...	...	...	28 0	28 0	21 0
21 0	21 0	...	27 12	27 0	23 1
...	...	...	25 4	25 4	21 7
...	...	...	20 0	20 0	20 0
...	27 0	29 0	23 0
...	20 0	20 8	18 6

...	19 11	19 11	17 1
...	14 7	14 7	13 6
...	15 0	15 0	15 0

...	20 0	18 6	15 4
...	16 0	1	...
...	17 0
...

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X In sub-divisions retail prices of salt per rupee were :—Bawan 1½ seers, and Gopalpura 2 seers.
Y In Bawan retail price of salt 1½ seers per rupee.

CALCUTTA,
The 9th June 1886.

Districts of Bengal during the Fortnight ending the 31st May 1886—(Concluded.)

												WHOLESALE PRICES PER MAUND OF 80 SEE 8			DISTRICTS.
INDIAN CORN OR MAIZE. (See 8a.)			ARHAR OR TUR CANDAN PEA. (Cajanus indicus.)			PINWOOD.			SALT.			SALT.			
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
Ch. S.	Ch. S.	Ch. S.	Ch. S.	Ch. S.	Ch. S.	Ch. S.	Ch. S.	Ch. S.	Ch. S.	Ch. S.	Ch. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.	
...	...	...	10 0	9 0	9 0	10 0	10 0	12 0	11 0	11 0	13 0	3 4 0	3 8 0	3 0 0	Chittagong.
...	...	...	...	...	...	...	...	...	11 0	11 0	...	2 8 0	3 8 0	...	Noakholly.
...	...	...	8 0	8 14	...	...	...	...	12 0	12 0	13 8	3 8 0	3 8 0	3 2 0	Tipperah.
...	...	...	...	...	...	320 0	320 0	320 0	8 0	8 0	8 0	4 8 0	4 8 0	4 8 0	Chittagong Hill Tracts.
...	...	...	16 0	16 0	...	...	...	...	11 0	11 0	11 0	3 4 0	3 4 0	3 4 0	Hill Tipperah.
															RRHAR.
24 0	18 0	27 0	27 0	27 0	...	120 0	120 0	120 0	11 8	11 8	12 0	3 1 0	3 1 0	3 0 0	Panna.
...	...	...	28 0	23 0	...	200 0	200 0	200 0	11 0	11 0	11 0	3 5 0	3 5 0	3 5 0	Gya.
...	...	...	16 0	18 0	...	150 0	150 0	150 0	12 8	12 8	13 0	3 2 0	3 2 0	3 1 0	Shahabad.
25 0	25 0	25 15	20 0	20 0	...	160 0	160 0	176 0	11 8	11 8	12 0	3 4 0	3 4 0	3 0 0	Durbhunga.
27 8	27 8	23 0	22 8	22 8	...	140 0	140 0	140 0	12 8	12 8	13 0	3 8 0	3 5 0	3 8 0	Mouharpura.
26 0	26 0	26 0	27 4	27 0	...	160 0	160 0	160 0	12 0	12 0	11 0	3 1 0	3 1 0	3 4 0	Sarna.
24 0	28 0	...	27 0	...	...	...	...	...	12 4	12 4	13 0	3 3 0	3 4 0	3 4 0	Chumpana.
21 0	27 0	23 1	21 0	21 0	...	126 0	126 0	126 0	13 2	13 2	13 8	2 14 0	2 14 0	2 14 0	Monghyr.
26 4	25 4	27 11	20 3	18 15	...	176 12	151 8	151 8	12 10	12 10	13 10	3 1 0	3 15 0	3 0 0	Bhagulpore.
...	...	...	16 0	18 0	18 0	128 0	130 0	160 0	10 0	...	10 0	3 9 0	3 9 0	3 10 0	Purneah.
...	...	...	...	...	...	180 0	180 0	115 0	11 8	11 8	11 0	3 6 0	3 4 0	3 4 0	Maldah.
28 0	30 0	19 0	23 0	23 0	...	200 0	200 0	200 0	11 8	11 8	10 0	3 7 0	3 7 0	3 15 0	South Patna.
															ORISSA.
...	...	...	...	...	...	80 0	80 0	80 0	14 0	14 0	14 0	3 12 0	3 19 0	3 11 0	Cuttack.
...	...	...	18 8	17 1	...	80 0	80 0	85 0	14 7	14 7	16 0	1 10 0	2 10 0	3 6 0	Pooree.
...	...	...	4 0	12 0	...	130 0	160 0	130 0	9 8	9 8	10 0	3 14 0	3 14 0	3 11 0	Balasore.
															CHOTA NAGPORE, South-Western Frontier Agency.
21 0	24 0	16 8	20 0	18 0	...	24 0	240 0	220 0	10 8	10 0	10 0	3 7 8	3 8 0	3 9 0	Hazareebagh.
18 0	20 0	14 0	18 0	20 0	...	120 0	120 0	120 0	9 8	10 0	10 0	4 2 0	3 14 0	3 10 0	Loharingga.
...	...	...	21 0	21 0	...	200 0	180 0	200 0	9 0	9 0	9 0	4 0 0	4 0 0	4 0 0	Singbroom.
...	...	...	10 0	10 0	...	21 0	240 0	240 0	11 10	11 10	10 10	4 6 0	4 4 0	3 8 0	Manbhoom.

Z In sub-divisions retail prices of salt per rupee were:—Bogusrai 11 seers and Jannai 13 seers.

Z1 In sub-divisions retail prices of salt per rupee were:—Bansa 12 seers, and Murehpura and Soopole 10 seers.

Z2 In sub-divisions retail prices of salt per rupee were:—Kishangunge 10 seers and Aravah (at Kishangunge) 12 seers.

Z3 In sub-divisions retail prices of salt per rupee were:—Pakour 12 seers, Deoghur and Jantara 13 seers, Rajnehal and Godda 11 seers.

Z4 In Bhadrachal retail price of salt 9 seers per rupee.

Z5 At Khargudiha in Girih sub-division retail price of salt 19 seers per rupee.

Z6 At Dhangunge retail price of salt 10 to 12 seers per rupee.

Z7 In Govindpore retail price of salt 12 seers per rupee.

Published for general information.

P. NOLAN,
Offg. Secy. to the Govt. of Bengal.

PRICES-CURRENT (wholesale) of Food-grains, Firewood, and Salt in the

Number.	MARKS.	WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
		R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
1	Calcutta ...	2 6 6	2 6 0	2 6 0	1 10 0	1 7 0	1 15 0	4 5 3	4 7 6	5 8 0	2 3 6	2 6 3	...
2	Scrainsage ...	1 13 0	2 2 0	2 8 0	...	...	...	4 6 0	4 19 0	4 19 0	2 0 0	1 14 0	2 2
3	Decca ...	2 7 0	2 4 0	1 14 0	1 6 0	1 8 0	1 4 0	2 14 0	2 10 0	2 14 0	2 7 0	2 8 0	2 8
4	Naraingunge ...	...	...	...	...	...	...	2 8 0	2 11 0	2 14 0	2 6 0	2 6 0	2 10
5	Chittagong ...	2 6 0	2 6 0	2 8 0	...	...	...	2 8 0	2 8 0	2 0 0	2 10 0	2 10 0	2 9
6	Patna ...	1 13 0	1 14 6	1 12 0	1 5 3	1 5 3	1 8 0	3 0 0	3 0 0	3 5 0	2 8 0	2 2 0	2 10
7	Bahar ...	2 2 0	2 2 0	2 0 0	2 0 0	2 0 0	2 2 0	2 0 0	2 0 0	2 0 0	1 10 0	1 10 0	1 10
8	Poona ...	...	...	...	...	...	...	...	...	...	1 15 0	1 14 0	1 14
9	Cuttack ...	2 0 0	2 0 0	2 5 0	...	...	...	2 10 0	2 10 0	3 0 0	2 2 0	2 2 0	2 1

CALCUTTA,
The 31st May 1886.

PRICES PER MAUND					
JOWAR OR CHOLU. (<i>Sorghum Vulgare</i> .)			BAJRA OR GUMBU. (<i>Pennisetum typhoides</i> .)		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
3 0 0	2 0 0	3 0 0	3 0 0	3 0 0	4 0
...
...
...
...
...
1 0 1	6 0	...	1 6 0	1 6 0	...
...
...
...

OF 40 SHEETS.

VARUA OR RAGI. (Eleusina Corocand.) KANONIOR KATUV. (Italian Millet. (Setaria italica.)

Present return	Next preceding return	Corresponding return of last year.	Present return	Next preceding return	Corresponding return of last year.
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.
...	2 2 0	2 2 0	...
...
...
...
...
1 8 0 1 6 0	1 1 6 0 2 0 0	...	...
...
...
...

undermentioned *Marts* of Bengal during the fortnight ending the 31st May 1886.

GRAM, CHANA, OHHOLA, KADALAY OR HUNAGA. (Cicer Arianum.)			INDIAN-CORN OR MAIZE. (Zea Mays.)			ARHAR OR TUR HARJAN PEA. (Cajanus indicus.)			FIRWOOD.			SALT			MARTS.
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	
1 12 0	1 12 9	2 0 0	1 12 6	1 14 0	2 12 0	1 15 0	1 15 0	...	0 8 2	0 8 2	0 6 2	2 12 0	2 12 0	2 12 0	Calcutta.
2 2 0	1 12 0	2 4 0	...	...	...	...	...	...	...	...	...	2 2 0	2 2 2	2 2 0	Serajunga.
2 6 0	1 14 0	2 2 0	...	...	...	...	...	...	0 6 0	0 5 0	0 8 0	2 2 0	2 2 0	2 2 0	Dacca.
2 2 0	2 7 0	2 2 0	...	...	...	2 2 0	1 15 0	...	0 8 0	0 8 0	0 2 0	2 14 0	2 14 0	2 14 0	Narsingganj.
2 4 0	2 2 0	2 2 0	...	...	...	2 12 0	4 0 0	4 0 0	0 4 0	0 8 0	0 4 0	2 4 0	2 6 0	2 2 0	Chittagong.
1 6 0	1 6 0	1 10 0	1 6 0	2 1 0	1 6 0	1 6 0	1 6 0	...	0 4 0	0 4 0	0 4 0	2 1 0	2 1 0	2 2 0	Faiz.
2 2 0	(kalsi) 2 2 0	2 2 0	...	...	...	2 12 0	2 14 0	...	0 6 0	0 2 0	0 4 0	2 14 0	2 14 0	2 14 0	Balsora.
...	...	...	...	...	...	...	...	...	...	...	...	2 10 0	2 10 0	2 2 0	Poor.
2 0 0	(kalsi) 2 0 0	2 2 0	...	...	...	...	...	...	0 2 0	0 2 0	0 2 0	2 12 0	2 12 0	2 12 0	Cuttack.

Published for general information.

P. NOLAN,
Offg. Secy. to the Govt. of Bengal.

The following Statement shows the Quantities of the Principal Staples of Traffic imported into Ouegoula from the Interior during the month of February 1886.

IMPORTS INTO CALCUTTA.

[illegible]

* One manul of paddy is equivalent to 75 acres of rice.

† Exclusive of kigs obtained by local manufacture.

The Sea-borne Trade of Calcutta in these Staples during the month of February 1886 was as follows:—

[illegible]

The following Statement shows the several Routes followed by the Trade in the Principal Staples of Traffic imported into Calcutta during the month of February 1886.

IMPORTS INTO CALCUTTA.

SPECIFICATION OF ROUTE.	FOOD-STAPLES.					FIBROUS PRODUCTS.		OILSEEDS.		Tea.	Cotton.	Silk.	SUGAR.		TOBACCO.	
	Rice.	Paddy.	Wheat.	Gram and pulses.	Other local staples.	Jute.	Gunny-bags.	Linseed.	Mustard-seed.				Drain.	Un-drain.	Shag.	Other kinds.
	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	No.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.	Mds.
Steamer boats ...	18,02,720	1,37,500	6,351	61,210	1,247	2,91,810	1,118,437	40,925	16,657	...	1,824	147	3,132	39,301	1,135	8,419
East Indian Ry.	1,83,081	1,874	1,75,276	1,38,072	8,913	2,89,753	84,540	18,414	1,43,845	812	1,06,191	101	1,257	7,151	...	453
State railway.	1,89,234	1,468	22	21,008	83	3,09,340	707,770	19,038	3,910	891	2,710	455	...	41,092	6,740	11,361
...	79,276	8,945	71	24,270	...	61,874	86,516	1,117	...	...	852	...	11,579	22,417	...	8,114
...	67,000	18,661	...	124	...	14,093	8,700	...	...	106	19,269	38	15,170	34	...	432
Total of 1986 ...	20,50,034	1,64,958	1,79,616	2,39,810	12,803	10,40,027	1,892,975	80,316	1,65,512	16,443	1,38,137	1,638	37,031	65,840	5,805	29,014
Total of 1985 ...	18,14,391	2,02,461	1,43,030	1,97,300	40,102	8,20,050	1,400,287	1,14,043	1,51,875	15,703	1,18,251	2,514	54,533	94,210	1,334	27,374

The following Statement shows the Values and Quantities of the Principal Staples of Traffic exported Inland from Calcutta during the month of February 1886.

EXPORTS FROM CALCUTTA.

Other exported.	Cotton piece-goods.		Cotton twist.		Salt.	Gunny-bags.	Wholesale exported.	Cotton piece-goods.		Cotton twist.		Salt.	Gunny-bags.
	European.	Indian.	European.	Indian.				European.	Indian.	European.	Indian.		
	Rs.	Rs.	Mds.	Mds.	Mds.	No.		Rs.	Rs.	Mds.	Mds.	Mds.	No.
CHOTA NAGPORE.													
Hazratnagar ...	3,49,004	600	444	1,854	29,033	109,163		40,556	...	...	345	3,429	4,490
Manikpur ...	1,00,105	...	74	430	8,445	61,800		85,310	...	26	1,242	3,018	8,513
...	1,32,433	...	...	...	20,635	11,261		...	...	...	...	...	...
Total of Chota Nagpore ...	1,75,176	...	21	2,007	6,477	11,133		...	...	...	...	...	...
Grand Total of supplies into the provinces under the Lieutenant-Governor of Bengal.	65,25,039	49,256	14,315	7,173	5,45,387	1,184,050		...	...	...	...	...	...
OTHER PROVINCES.													
North-Western Provinces and Oudh ...	21,54,404	1,100	3,441	667	19,616	473,090		12,69,848	1,500	1,911	...	...	...
Punjab ...	12,69,848	1,500	1,911	...	...	...		...	...	...	...	...	...
Central Provinces ...	37,512	1,110	235	7	...	...		...	...	...	...	...	...
Rajputana States ...	31,120	770	107	...	...	...		...	...	...	...	...	...
Bombay ...	7,130	4,279	...	...	...	...		...	...	...	...	...	...
Madras ...	72,404	...	2,130	...	...	...		...	...	...	...	...	...
Andhra Pradesh ...	1,85,693	400	893	757	...	...		...	...	...	...	...	...
British Burmah ...	17,405	14,169	24	30	...	...		...	...	...	...	...	...
Other places ...	...	...	...	...	...	...		...	...	...	...	...	...
Grand Total of 1886 ...	1,31,84,737	71,824	22,911	6,613	5,87,728	13,208,053		1,32,24,553	63,529	23,997	8,000	5,99,074	8,513,841
Exports in Feb. 1886 ...	...	...	...	...	...	...		...	...	...	...	...	...
The Sea-borne Trade of Calcutta in these Staples during the month of February 1886 was as follows:—													
IMPORTED INTO CALCUTTA.	Rs.	Rs.	Mds.	Mds.	Mds.	No.							
From Foreign Ports—													
United Kingdom ...	19,14,781	...	13,302	...	5,20,579	...							
Other Foreign ports ...	62,259	...	175	...	1,21,420	...							
Total of Foreign Trade ...	91,77,738	...	13,737	...	6,42,345	...							
From Indian Ports—													
Bombay ...	17,039	73,309	7,459	47,797	6,000	...							
Madras ...	8,360	8,123	...	...	...	...			
Other Ports in Madras ...	4,200	3,700	...	...	...	...			
British Burmah ...	8,300	...	...	...	...	...		
Other Indian ports ...	...	...	...	...	...	...	
Pondicherry ...	3,375	...	...	...	...	...		
Total of Interports Trade ...	33,114	84,561	4	3,105	47,797	5,700							
Grand Total of 1886 ...	91,10,852	84,561	13,741	8,213	6,90,143	5,700							
Imports in Feb. 1886 ...	85,10,849	1,17,333	13,663	7,446	6,91,142	13,340							

* As per tariff declaration value.

The following Statement shows the several Routes followed by the Trade in the Principal Staples of Traffic exported from Calcutta during the month of February 1886.

SPECIFICATION OF ROUTES.	COTTON PIECE-GOODS.		COTTON TWIST.		Salt.	Gunny-bags.
	European.	Indian.	European.	Indian.		
	Rs.	Rs.	Mds.	Mds.	Mds.	No.
Steamer boats ...	2,87,319	4,800	3,383	...	2,59,107	143,864
East Indian Railway ...	5,05,296	...	1,040	...	10,843	...
East Indian Railway ...	83,80,512	28,390	6,084	7,030	2,50,320	1,444,255
Eastern Bengal State Railway ...	31,72,903	9,570	3,328	101	57,207	143,775
...	2,10,407	12,086	810	31	4,801	20,320
...	5,05,296	17,483	8,163	840	6,039	11,708,654
Grand Total of Exports in February ...	1,31,84,737	71,824	22,911	6,613	5,87,728	13,208,053
...	1,32,24,553	63,529	23,997	8,000	5,99,074	8,513,841

STATISTICAL DEPARTMENT,
The 31st May 1886.

P. NOLAN,
Offg. Secy. to the Govt. of Bengal.

Meteorological Report of the Province of Bengal.

METEOROLOGICAL DIVISION.	DISTRICT.	Representative station.	STATION OBSERVATIONS.												
			AIR PRESSURE.			WIND.		TEMPERATURE.							
			Mean barometric height, 10 A.M.	Mean reduced to sea-level.	Variation from mean.	Prevailing direction.	Mean wind velocity.	Highest during week.	Date.	Lowest during week.	Date.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily temperature of week.	Variation from normal mean of week.
ORIGINAL.	Poorbe	Gopalpore	29.604	29.604	—	Calm	120	91.7	4th June	78.8	20th May	89.0	81.1	80.8	—
		Falke Point	29.611	29.602	—0.09	Westerly	200	99.0	4th "	70.6	1. 3. June	91.8	70.9	86.9	—0.5
	Outlook	Outlook	29.611	29.621	—0.09	SW	89	102.9	31st May	75.9	2nd "	98.7	78.2	89.5	—2.3
	Nalabore	Nalabore	29.568	29.621	—	S	107.2	98.0	4th June	76.2	3rd "	93.5	78.5	86.0	—
SOUTH-WEST MURRAY.	South-West Midnapore	Saugor Island	29.605	29.631	+0.03	NW	174	93.2	4th "	82.0	2nd "	92.3	83.9	88.1	+1.3
	South 24 Pargannas	Midnapore	29.493	29.631	—	S	91.6	101.3	4th "	78.8	30th May	97.4	80.6	89.0	—
	24 Pargannas	Calcutta	29.581	29.612	—0.03	SSE, W-SW	120	99.0	4th "	79.2	20th "	93.9	80.1	87.0	+1.0
	Howrah	Howrah	29.515	29.614	—0.09	S	75	98.1	4th "	74.4	30th May	94.6	79.0	87.3	—0.7
	Hooghly	Hooghly	29.592	—	—	NW	40.0	102.1	4th "	79.6	30th May	93.2	79.1	87.7	—
	Burdwan	Burdwan	29.581	—	—	NNW	109.2	104.0	4th "	77.3	30th "	90.9	80.3	88.6	—
	Bankura	Bankura	29.500	—	—	SSW	85.0	97.2	4th "	75.8	31st "	92.0	78.1	86.1	—1.7
	Boerghoom	Boerghoom	29.504	—	—	SSW	81.7	97.8	4th "	76.8	22. 31 "	93.5	78.1	85.7	—
	West Burdwan	West Burdwan	29.591	29.623	—0.03	S	95.2	97.6	4th "	79.4	22. 31 "	92.0	79.8	86.2	+0.4
	Moohadabad	Moohadabad	29.594	—	—	SSE	127	99.1	30th May	74.0	4th "	85.0	76.2	80.6	—2.0
	Nadua	Nadua	29.594	—	—	SE	127	99.1	30th May	74.0	4th "	85.0	76.2	80.6	—2.0
	Jessore	Jessore	29.591	29.623	—0.03	S	95.2	97.6	4th "	79.4	22. 31 "	92.0	79.8	86.2	+0.4
SOUTH MURRAY.	Khoolna	Khoolna	29.594	—	—	SSE	127	99.1	30th May	74.0	4th "	85.0	76.2	80.6	—2.0
	Chittagong	Chittagong	29.594	—	—	SSE	127	99.1	30th May	74.0	4th "	85.0	76.2	80.6	—2.0
	Chittagong Hill Tracts	Dhaka	29.594	—	—	SSE	127	99.1	30th May	74.0	4th "	85.0	76.2	80.6	—2.0
	Backergunge	Backergunge	29.625	29.640	—	Calm	64.2	92.8	2nd June	71.4	30th May	85.3	76.3	82.3	—
	Noakhali	Noakhali	29.626	29.670	—	SE	—	88.5	3rd "	73.3	29th "	80.8	76.2	81.2	—
	Faridpur	Faridpur	29.595	—	—	SSE	130.5	92.0	4th "	76.9	1st, 2nd, 4th June	88.3	77.8	83.0	—
	Dacca	Dacca	29.610	29.638	—0.03	SSE	123	91.3	31st May	77.2	29th, 30th May	88.9	78.1	83.6	—0.5
	Tipperah	Tipperah	29.624	29.650	—	SE	84.5	94.4	30, 31 "	72.8	4th June	87.3	76.9	81.6	—
	Mymensingh	Mymensingh	29.578	—	—	ESE	111.5	97.8	2nd "	72.1	29th May	83.0	76.6	79.7	—
	Bogra and Pabna	Bogra	29.554	29.617	—	ESE	81.3	91.3	4th "	73.6	29th "	88.2	76.9	82.6	—
	Barisal	Barisal	29.582	29.629	—	Easterly	92.4	92.4	4th "	73.7	31st "	89.7	76.8	83.3	—
	Rajshahi	Rajshahi	29.541	29.611	—	Variable	31.8	97.4	4th "	70.7	31st "	91.2	77.3	84.8	—
NORTH MURRAY.	Maldah	Maldah	29.546	—	—	Calm	12.9	93.2	3rd "	73.0	30th "	90.3	77.3	83.9	—
	Dinapore	Dinapore	29.605	29.623	—	SSE, ENE, ESE	120	93.1	4th "	72.0	29th "	89.0	76.9	83.0	—
	Rangpur	Rangpur	29.516	29.641	—	ESE	76	90.8	3rd, 4th June	70.0	29th "	88.8	73.7	81.0	—
	Jalpaiguri	Jalpaiguri	29.517	29.603	—	SE	76.2	90.0	2nd, 3rd, 4th June	72.8	29th "	89.0	73.8	81.4	—
	Cooch Behar	Cooch Behar	29.517	29.603	—	SE	76.2	90.0	2nd, 3rd, 4th June	72.8	29th "	89.0	73.8	81.4	—
	Darjeeling Hill District	Darjeeling	29.517	—	—	Northerly	91.6	97.0	4th "	61.6	29th, 30th May	93.6	54.2	68.9	—
	Purnea	Purnea	29.496	29.611	—0.11	Calm	9.5	100.2	4th "	—	—	94.8	—	—	—
	North Bhawalpur	North Bhawalpur	29.496	29.611	—0.11	Calm	9.5	100.2	4th "	—	—	94.8	—	—	—
	Muzafferpore	Muzafferpore	29.496	29.611	—0.11	Calm	9.5	100.2	4th "	—	—	94.8	—	—	—
	Darbhanga	Darbhanga	29.496	29.611	—0.11	Calm	9.5	100.2	4th "	—	—	94.8	—	—	—
	Chhapra	Chhapra	29.574	29.600	—	ESE	157.5	99.9	4th "	68.8	1st "	96.3	75.2	85.3	—
	Chauri	Chauri	29.544	—	—	Easterly	64.3	104.5	4th "	74.9	30th May	90.8	79.0	87.0	—
SOUTH MURRAY.	Deoria	Deoria	29.539	29.584	—	WNW	202.2	104.0	4th June	73.0	31st "	99.1	78.4	88.3	—
	Bahadur	Bahadur	29.551	29.587	—	WNW	144.7	105.4	4th "	77.7	30th "	99.6	80.3	90.2	—
	Arrah	Arrah	29.538	29.576	—	E	137.1	105.4	4th "	76.6	4th June	99.1	80.3	90.2	—
	Gya	Gya	29.513	29.583	—0.07	Westerly	97	105.4	4th "	75.3	29th May	100.3	79.0	89.7	—2.9
	Patna	Patna	29.423	29.603	—0.18	ENE	103	106.0	4th "	77.2	31st "	96.7	79.9	89.3	—2.2
	South Bhagalpur	South Bhagalpur	29.423	29.603	—0.18	E, calm	23	96.4	4th "	74.0	1st June	92.9	78.1	86.5	—
	Bankura	Bankura	29.507	—	—	Calm	54.6	101.2	4th "	75.6	30th May	94.8	78.0	86.5	—
	Hazaribagh	Hazaribagh	29.539	29.584	—	WNW	171	97.6	4th "	71.7	30th "	92.6	75.9	83.9	—3.3
	Lohardigha	Lohardigha	29.517	29.583	—	W	150.4	96.3	4th "	72.4	30th "	94.4	73.9	84.1	—
	Manbhum	Manbhum	29.517	29.583	—	W	150.4	96.3	4th "	72.4	30th "	94.4	73.9	84.1	—
	Chhatrapur	Chhatrapur	29.517	29.583	—	Westerly	90.3	96.3	4th "	75.9	2nd June	90.8	78.8	87.7	—

Explanation.—Summary.—The normal means of air pressure and temperature are the arithmetical averages or means of the readings during the year. The humidity of the atmosphere is expressed as a percentage, saturated air being represented by 100. A clear sky is denoted by 0 and an overcast sky by 100. The normal means of the amount of rain are the arithmetical means or averages of the rainfall in that district determined from the returns sent in by the sub-divisional stations from the total rainfall at the sub-divisional stations in the district sent in as returns divided by the number of stations. A

Week ending Friday, the 4th of June 1886.

DISTRICT OBSERVATIONS.														Representative Station.	DISTRICT.	Meteorological Division.
RAINFALL.																
Of week.		Since 1st of May.			Since 15th May 1885.			Average number of rainy days.		Normal number of rainy days.						
Mean for district.	Normal mean.	Mean for district.	Normal mean.	Variation.	Mean for district.	Normal mean.	Variation.									
46	0.40	—	—	—	—	—	—	—	—	—	—	Gopalpore	Pooree	NORTH-WEST BENGAL.		
47	0.51	0.81	0.30	4.51	8.42	+1.09	3.46	2.05	+1.41	1.7	1.6	False Point	Cuttack			
48	3.19	1.80	1.30	4.89	4.09	+0.76	3.06	2.54	+1.41	2.6	1.8	Cuttack	Cuttack			
49	Nil	1.98	1.16	0.82	6.02	+1.60	3.20	2.03	+0.27	1.7	2.0	Bainsore	Bainsore			
50	0.42	0.20	1.40	6.08	8.85	-0.77	1.13	3.30	-0.17	1.3	2.2	Rangor Island	South-West Midnapore	SOUTH-WEST BENGAL.		
51	0.57	0.79	1.44	7.87	6.87	+2.00	1.71	2.20	-1.25	1.0	3.1	Midnapore	Midnapore			
52	0.06	0.67	1.77	1.78	0.82	+0.06	3.50	3.85	-0.39	0.0	2.4	Calcutta	24-Perannaha			
53	0.33	0.25	1.23	10.04	6.34	+4.70	4.09	3.13	+0.93	1.3	1.9	Hurdwan	Howrah			
54	5.38	1.57	2.03	5.74	5.20	+0.48	4.50	3.13	+1.37	2.3	2.1	Bankura	Hooghly	SOUTH-WEST BENGAL.		
55	0.70	0.84	1.21	4.10	8.87	+0.13	3.13	2.55	+0.58	2.0	1.6	Kandukur	Hurdwan			
56	1.83	1.50	1.47	5.43	6.00	-0.53	3.07	3.72	+0.25	2.5	2.1	Bardhamore	Bankura			
57	0.43	2.36	1.89	11.09	7.50	+3.70	5.80	4.08	+1.72	2.6	2.3	Krishnagar	West Hurdwan			
58	1.50	1.22	1.80	12.13	7.93	+4.20	5.90	4.62	+1.28	2.0	2.8	Jessore	Mooredah	SOUTH-WEST BENGAL.		
59	10.54	11.33	3.87	20.45	13.17	+7.28	16.34	8.45	+7.93	5.0	3.6	Chittagong	Nadua			
60	4.29	3.10	2.82	12.01	0.79	+2.22	8.55	8.13	+2.37	5.5	3.4	Dumakri	Jessore			
61	8.18	5.00	4.72	14.41	14.28	+0.13	7.62	3.79	-1.27	4.0	3.5	Noakhally	Khoulta			
62	1.03	1.39	2.01	13.00	10.10	+2.90	6.60	6.00	+0.60	4.7	2.5	Faridpore	Chittagong Hill Tracts	SOUTH-WEST BENGAL.		
63	3.06	1.77	1.90	10.80	10.62	+0.18	6.43	5.12	+1.31	5.0	2.9	Dacca	Backergunge			
64	1.18	2.13	2.85	13.07	12.71	+0.36	6.27	6.79	-1.52	3.3	3.5	Comilla	Noakhally			
65	2.13	1.81	2.38	9.32	11.59	-2.27	4.62	6.55	-1.93	3.8	3.3	Mymensingh	Faridpore			
66	2.43	3.60	2.17	10.21	9.12	+1.09	8.12	6.55	+2.57	5.2	2.6	Bogra	Dacca	SOUTH-WEST BENGAL.		
67	2.21	1.48	1.78	7.80	8.07	-0.27	5.69	5.17	+0.52	3.0	2.3	Berajung	Tippurah			
68	2.80	1.56	1.89	8.95	7.43	+1.52	4.70	4.49	+0.21	2.0	1.4	Rampur Baulah	Mymensingh			
69	2.10	1.17	1.01	3.93	4.07	-0.14	3.10	3.13	-0.03	2.5	1.7	Maldah	Bogra and Pabna			
70	4.58	1.84	2.42	8.28	6.63	+1.65	6.84	4.03	+2.81	1.8	2.1	Dinapore	Rajshahi	SOUTH-WEST BENGAL.		
71	0.70	0.61	2.81	15.00	12.40	+2.60	12.32	8.59	+3.73	3.5	2.6	Rungpore	Maldah			
72	3.12	3.40	3.84	12.13	10.60	-1.53	7.37	11.87	-4.50	5.6	3.3	Jalpigore	Dinapore			
73	2.75	2.89	2.70	12.10	11.81	+0.29	7.08	7.50	+0.42	4.8	4.0	Darjeeling	Rungpore			
74	0.18	2.12	0.04	6.23	6.81	+0.58	5.32	2.78	+2.54	1.8	1.3	Purneah	Jalpigore	SOUTH-WEST BENGAL.		
75	1.10	0.43	3.41	2.30	2.30	+0.00	2.30	1.22	+1.08	1.3	0.9	Moanpore	Cooch Behar			
76	1.40	0.49	0.64	4.40	2.66	+1.74	1.82	1.51	+0.31	0.7	0.9	Dumkura	Darjeeling Hill Districts			
77	2.08	1.30	0.82	6.12	2.99	+3.13	3.03	1.73	+1.30	2.0	1.0	Moulthani	Purneah			
78	1.40	1.01	0.33	3.25	2.03	+1.22	2.06	0.93	+1.14	1.0	0.7	Chupra	North Bhagulpore	SOUTH-WEST BENGAL.		
79	Nil	—	—	—	—	—	—	—	—	—	—	Heoree	Moanpore			
80	0.71	0.85	0.19	1.23	1.13	+0.10	0.96	0.80	+0.16	1.0	0.6	Buzar	Darbhanga			
81	0.08	—	—	—	—	—	—	—	—	—	—	Arrah	Chumnapur			
82	0.41	0.61	0.37	1.97	1.77	+0.20	1.56	1.33	+0.23	1.0	0.8	Gya	Saran	SOUTH-WEST BENGAL.		
83	0.30	0.36	0.35	1.88	2.00	-0.12	1.10	1.25	-0.15	1.3	1.0	Bankipore	Gya			
84	1.80	0.97	0.40	3.40	1.35	+2.05	3.67	1.53	+2.14	1.6	0.9	Shahpore	Patna			
85	0.70	0.60	0.57	5.45	3.76	+1.69	3.37	1.36	+2.01	1.3	1.6	Booncha	South Bhagulpore			
86	0.35	0.13	0.74	2.32	2.85	-0.53	2.31	1.60	+0.71	1.0	1.4	Hassanpore	Monghyr	SOUTH-WEST BENGAL.		
87	0.44	0.08	0.76	2.11	2.08	+0.03	2.00	1.70	+0.30	1.3	1.8	Ranchee	South Bhagulpore			
88	1.40	2.21	0.70	7.33	5.95	+1.38	7.19	1.27	+5.92	3.0	2.3	Chyabaga	Booncha			
89	—	—	—	—	—	—	—	—	—	—	—	—	—			

The past ten years. The variations are positive when the mean for the week is less than the corresponding normal mean, and negative when greater. The number denoting cloud amount represents the part of the sky covered, the whole sky being denoted by 10. Under the head "District" are given the means for the period in question during the past 12 years. The means of the district are the numerical averages of the rainfall return received in which at least hundredths of an inch fall.

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 4th of June 1886.

Meteorological division.	District.	Station.	RAINFALL.						TOTAL.		Total rain-fall since 1st of May.	Average total rain-fall from 1st of May.	Total rain-fall since 15th May 1886.	Average rain-fall from 1st May to date.	
			Sunday, 29th May.	Monday, 30th May.	Tuesday, 31st May.	Wednesday, 1st June.	Thursday, 2nd June.	Friday, 3rd June.	Saturday, 4th June.	Number of rainy days.					of Rainfall in inch.
CHITTAGONG	Purba	Purba	0.00	0.00	0.00	0.72	1.15	0.00	0.00	1	0.72	4.00	2.10	3.97	
		Khordah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Rampur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Falso Point	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
	Outpost	Gap	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Dipili	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Jagatsinghpore	0.30	0.00	0.00	0.10	0.00	0.00	0.00	1	0.30	3.12	3.12	3.12	
		Burki	0.00	0.14	0.11	0.17	0.23	0.00	0.00	5	0.65	7.12	2.05	7.20	
		Cuttack	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Kendrapara	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
SOUTH-WEST BENGAL.	Malabar	Jajpur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Dharmasalla	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Salipore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Chandbali	0.04	0.00	0.00	0.00	0.00	0.00	0.00	1	0.04	0.04	0.04	0.04	
	Midnapore	Rhodurack	1.85	0.00	0.00	0.00	0.00	0.00	0.00	1	1.85	1.85	1.85	1.85	
		Norah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Udalgur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Jalgaon	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Baripada	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Contai	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
SOUTH-WEST BENGAL.	Diamond Harbour	Sankar Island	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Tumuk	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Midnapore	1.31	0.00	0.00	0.00	0.00	0.00	0.00	1	1.31	1.31	1.31	1.31	
		Chittali	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
	Howrah	Deog	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Heria	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Bhagwanpore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Garbeta	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Hooghly	Diamond Harbour	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00
			Canning Town	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00
Alipore Jail	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00		
Baranagar	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00		
Dum-Dum	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00		
Baranagar	0.00		0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00		
SOUTH-WEST BENGAL.	Hooghly	Howrah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Maharaja	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		(Onoberiah.)	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Baranagar	0.14	0.00	0.00	0.00	0.00	0.00	0.00	1	0.14	0.14	0.14	0.14	
	Murdwan	Hooghly	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Jehanabad	0.00	0.17	0.00	0.00	0.00	0.00	0.00	1	0.17	0.17	0.17	0.17	
		Cuttack	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Burdwan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Cuttack	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Murkur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
SOUTH-WEST BENGAL.	Bankura	Ranagangoo	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Bankura	1.25	0.00	0.00	0.00	0.00	0.00	0.00	1	1.25	1.25	1.25	1.25	
		Bansgaon	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Mahara	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
	Kolkata	Khatra	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Indra	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Kota-pore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Anda	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Gangajalghat	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Kolkata	1.22	0.00	0.00	0.00	0.00	0.00	0.00	1	1.22	1.22	1.22	1.22	
SOUTH-WEST BENGAL.	Barrackpore	Sonamukhi	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Bh. Hoory	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Barrackpore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Barrackpore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
	Nadua	Barrackpore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Barrackpore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Barrackpore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Barrackpore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Barrackpore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Barrackpore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
SOUTH-WEST BENGAL.	Kolkata	Barrackpore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Barrackpore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Barrackpore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Barrackpore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
	Jessore	Barrackpore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Barrackpore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Barrackpore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Barrackpore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Barrackpore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Barrackpore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
SOUTH-WEST BENGAL.	Moulvibazar	Barrackpore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Barrackpore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Barrackpore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Barrackpore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
	Chittagong	Barrackpore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Barrackpore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Barrackpore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Barrackpore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Barrackpore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Barrackpore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
SOUTH-WEST BENGAL.	Chittagong	Barrackpore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Barrackpore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Barrackpore	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0	0.00	0.00	0.00	0.00	
		Barrackpore	0.00	0.00	0.00										

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 4th of June 1886—contd.

District.	Station.	RAINFALL.							TOTAL.		Total rain- fall since 1st of May.	Average total rain- fall from 1st of May.	Total rain- fall since 15th May 1885.	Average rainfall from 15th May 1884 to date.
		Saturday, 29th May.	Sunday, 30th May.	Monday, 31st May.	Tuesday, 1st June.	Wednesday, 2nd June.	Thursday, 3rd June.	Friday, 4th June.	Number of rainy days.	of Rainfall week.				
Northcholly	Gonradddi	0.77	0.55	0.11	0.05	0.13								
	Baughat	1.85	0.01	1.81	4.12	0.13								
	Northcholly	0.05			1.00	0.24	1.30	4.14	5	7.12	17.12	10.86	2.98	7.90
	Fenny				0.20	0.20	1.30	1.70	3	2.50	11.05	10.68	5.05	9.20
Furzedpore.	Harisypore		0.32	0.20	0.14	0.34	0.10							
	(Sundip).													
	Rampur			0.58	0.05	0.27	4.02	1.50	5	6.52	18.34		13.07	
	Madanpore	0.57	0.11	0.05	0.05	0.09	1.09		5	1.75	8.50	11.75	3.70	6.75
Dacca	Furzedpore	0.12	0.45		0.15	0.15	4.44		4	1.15	16.20	10.72	4.90	0.70
	Goswami	0.15	0.25		0.12	0.15	0.30		5	1.02	19.30	8.51	7.30	6.00
	Munshigunge			1.10	0.31	0.37	0.52	0.11	5	2.47	10.20	11.14	7.01	6.36
	Dacca	0.35		0.04	0.04	0.07	0.55		4	1.04	8.71	10.83	5.47	0.45
Hill Tipperah	Namungunge	0.40	0.00	0.17	0.07	0.07	0.41	0.10	7	1.72	11.51	9.90	6.94	7.57
	Munshigunge	0.50		0.07	0.18		0.15		4	0.90	10.41	10.72	7.07	5.10
	Jaydipore	0.03	0.02	0.05	0.50	0.01	0.08		6	0.50	11.34		7.02	
	Tipperah	1.75	0.20			0.32		0.08	4	2.05	10.30	12.77	6.02	6.60
Mymensingh	Comilla						0.44		1	0.44	10.04	10.40	5.25	7.22
	Chandpore			0.40	0.56		1.05	1.05	4	4.00	14.05	12.44	7.05	6.10
	Banchandrapore	0.72		0.15	0.27									
	Bandhanpore	0.00												
Narainpore	Narainpore	0.03	0.00	0.05	0.11		0.56		4	1.20	14.43		5.84	
	Kasba	0.00				0.11	0.09	0.10	4	1.30	14.43		5.84	
	Lakshmi				0.42		0.64	0.70	3	1.52	14.43		5.84	
	Kishoreganj	0.74		0.72	0.16				3	1.11	5.02	10.79	4.74	7.17
Pabna	Adra (Tangail)		0.22	0.41	0.43				3	1.06	6.30	2.47	2.50	4.05
	Mymensingh	0.95	0.25	0.15	0.50			0.01	5	1.86	10.27	10.60	4.40	8.05
	Jamulpore		0.30	0.50	1.25		0.17		4	2.20	8.70	11.75	5.74	6.00
	Narainpore	0.50		0.50	1.25			0.55	4	2.80	12.55	12.32	6.52	6.00
Bogra	Subornahally	0.00	2.15	0.00	1.02				4	4.46	8.95		7.17	
	Durgapore													
	Douganj	0.04	2.20	3.94	1.33	0.55	0.12	0.17	7	9.29	15.17		12.43	
	Pabna													
Bogra	Bogra	0.13	0.05	0.23	0.50	0.64			1	0.72	8.17	8.54	5.34	5.48
	Borjunge								5	2.50	7.18	8.46	5.74	5.16
	Sherpore		1.05				0.55		2	2.20	8.20	10.19	7.72	6.34
	Nowshilla	1.53	2.20	1.50		0.60			4	5.05	10.44	8.14	8.41	4.06
Najibpore	Bogra	0.45	0.00	0.13		0.48		0.57	5	2.53	0.70	0.01	0.04	5.94
	Panchlubi	0.44	4.21						2	4.65	12.04	5.23	0.34	6.40
	Beaulah	1.07	1.25				0.00		3	2.30	6.72	6.50	4.74	4.33
	Najibpore		0.75						1	0.75	7.10	8.04	4.01	4.54
Maidah	Nowshilla		3.00	0.15					2	3.15	8.33		0.24	
	Lalpur		2.52	0.38					2	2.90	9.54		0.30	
	Manda		0.52						1	0.52	6.50		3.81	
	Maidah	0.27		1.50	0.45		0.04		4	2.26	4.75	4.24	3.31	2.34
Dinagpore	Chanchal		0.07						1	0.07	3.19	3.67	2.98	3.03
	Gajal		1.20						1	1.20	3.41		2.61	
	Shibganj		1.06						1	1.06	7.30		0.07	
	Dinagpore													
Rangpur	Mohadepore		2.00						1	2.00	7.31	9.31	4.67	0.31
	Chauran		0.45		0.05				2	0.50	4.44	5.48	3.70	3.40
	Rangpur										5.92	7.27	5.51	4.37
	Dinagpore	0.00	2.48	2.00	0.05				4	4.53	10.50	7.50	14.90	5.43
Rangpur	Balorghat	0.14	2.24						2	2.38	7.86	4.92	5.06	3.68
	Bhawanipur		1.37	1.40		0.13	0.55		4	3.51	13.52	10.13	11.14	8.50
	(Gyabanda)													
	Rangpur	1.80	4.00	0.05	0.04				4	7.10	13.21	11.87	11.41	8.50
Jalpaiguri	Kurigram	1.44	2.91	0.21					3	4.56	20.56	15.00	12.55	10.55
	Hagorgra	2.21	1.50				0.08		3	4.56	16.34	11.63	14.70	8.42
	(Nalpari)													
	Ulipore	0.55	2.35	2.01					3	4.91	19.76		13.90	
Cooh Behar	Jalpaiguri	0.44				1.64	0.12	0.42	4	2.02	12.18	14.17	5.91	9.00
	Alipore	0.30	0.35		0.13	1.23	0.10	1.30	6	3.50	15.15		9.94	
	Falagatta	0.04	0.40	0.35		2.00	0.35	0.70	6	4.13	16.43		10.47	
	Dumra	0.04	0.05		0.08	0.05	0.05		4	0.28				
North Bhagalpore	Dumra	2.52	0.52	0.11	0.08	0.25	0.01		6	2.63	10.16	18.30	5.95	14.17
	Cooh Behar	0.72	0.52	0.11	0.08	0.25	0.01		6	2.63	10.16	18.30	5.95	14.17
	Micklingpore	1.84	0.10	0.04		2.22	0.10	0.10	5	4.40	13.82	18.30	7.72	11.40
	Micklingpore	0.26	2.82	0.35	0.13	0.22	0.01	0.26	7	4.07	13.26	14.40	8.37	10.44
Surjendra Hill	Micklingpore	1.28	0.09		0.20	0.00	1.06	0.01	6	3.71	11.10	16.74	6.43	13.40
	Bura													
	Siliguri	0.06				0.07	0.02	0.41	4	0.79	16.53	25.65	8.39	17.03
	Surjendra		0.11	0.18	4.20	0.31	0.28	1.32	6	6.87	14.48	7.01	15.04	4.44
Purnea	Surjendra	0.09	0.18	0.40	0.38	0.20	0.01		6	1.45	10.07	9.45	6.00	5.25
	Khatipore		0.18		1.00	0.08			3	1.75	7.08	7.01	3.07	2.06
	Misengunge	0.44	1.04						3	1.52	8.28	6.01	7.40	3.00
	Arrah	1.10	1.14						2	2.53	7.91	6.03	6.55	3.24
North Bhagalpore	Purnea					0.18			1	0.18	2.33	4.29	2.14	2.57
	Gondara				0.34				1	0.34	2.60		2.40	
	Balarampore	0.00			0.38				1	0.38	1.92		1.88	
	Mari	0.00	4.30						2	4.30	11.70		9.76	
Dumra	Khatipore						0.33							
	Masulipore		0.00	0.00					2	0.00	5.10	4.08	2.34	3.30
	Surjendra		0.70		0.20				2	0.90	8.14	3.85	7.80	3.07
	Protapganj	1.78				0.50			2	2.20	6.43		4.08	
Dumra	Tajpore				1.07				1	1.07	5.17	5.06	2.35	1.03
	Dumra	0.00							1	0.00	4.01	2.65	2.35	1.44
	Madhubani								1	0.00	2.50	3.80	3.01	3.01
	Khatipore				0.08				1	0.08	1.57		4.62	
Dumra	Masulipore	1.00		0.13					2	1.13	4.20	3.00	3.11	1.88
	Manasgong	1.35			0.17				2	1.72	4.90	2.73	3.49	1.31
	Hajpore								1	0.00	1.95	1.50	0.77	0.73
	Pura				0.13				1	0.13	0.70		0.01	
Dumra	Masulipore								1	0.00	1.68		1.05	
	Guhar	0.23							1	0.23	8.40		1.10	
	Pura	0.10			0.30				1	0.10	5.44		3.46	
	Masulipore	0.13			0.00				1	0.13	6.50	2.83	3.45	1.83
Dumra	Masulipore	1.09			0.36				1	0.36	4.80	3.08	3.45	1.83
	Masulipore				0.16				1	0.16	4.80	3.08	3.45	1.83
	Masulipore	1.00	0.00		0.05				2	3.16	10.00		7.90	
	Masulipore	0.20			0.25				2	0.45	3.50		1.01	

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 4th June 1886—*concl.*

Meteorological division.	District.	Station.	RAINFALL.							TOTAL.		Total rain-fall since 1st of May.	Average total rain-fall from 1st of May.	Total rain-fall since 15th May 1886.	Remarks.
			Saturday, 29th May.	Sunday, 30th May.	Monday, 31st May.	Tuesday, 1st June.	Wednesday, 2nd June.	Thursday, 3rd June.	Friday, 4th June.	Number of rainy days.	of Rainfall week.				
NORTH BENGAL SAME— <i>continued.</i>	SHAHABAD.	Gopalpur...	0.03	...	...	...	...	...	...	1	0.03	3.24	2.36	2.84	
		Sewan...	0.00	...	...	...	...	...	...	1	0.00	2.78	1.93	1.87	
		Chunar...	1.78	...	...	...	...	...	...	1	1.78	3.50	1.24	1.75	
		Buxar...	0.25	...	...	0.01	...	...	...	2	0.26	0.45	0.80	0.67	
		Benares...	...	...	...	...	...	...	...	Nd	Nd	0.39	?	0.39	
		Shubkash...	...	...	...	0.20	...	...	...	1	0.20	2.36	1.14	1.01	
		Sasaram...	...	...	...	0.20	...	...	...	1	0.20	0.78	1.15	0.78	
		Arrah...	...	...	...	...	...	...	...	Nd	Nd	1.22	1.43	0.78	
		Mohania...	...	...	...	...	...	...	...	Nd	Nd	Nd	?	0.78	
		Gya...	...	...	...	...	...	...	...	Nd	Nd	Nd	Nd	Nd	
	Gya.	Aurangabad...	0.37	...	...	...	...	...	...	1	0.37	1.29	1.40	1.29	
		Gya...	...	...	...	0.01	...	...	...	1	0.01	2.14	1.61	3.34	
		Nowadah...	0.20	...	...	...	...	...	...	1	0.20	3.01	2.12	2.82	
		Jehanabad...	0.20	...	...	...	...	...	...	1	0.20	1.42	1.68	1.04	
		Arrah...	...	...	...	...	...	...	...	Nd	Nd	2.28	?	0.69	
		Baudnagar...	...	...	...	1.00	...	...	...	1	1.00	1.10	?	1.40	
		Shamshat...	0.50	...	...	...	...	...	...	1	0.50	?	?	0.50	
		Rajauli...	1.00	...	...	...	...	...	...	1	1.00	5.30	?	5.30	
		Pakri Barawan...	1.20	...	...	...	...	...	...	1	1.20	2.20	?	1.50	
		Patna...	0.80	...	...	...	...	...	...	1	0.80	1.31	1.80	0.78	
	Patna.	Patna...	0.70	...	...	...	...	...	...	1	0.70	1.35	1.80	0.78	
		Patna...	1.18	...	...	...	...	...	...	2	1.22	1.42	2.44	1.29	
		Patna...	...	...	...	...	0.10	...	...	1	0.10	2.10	2.28	1.70	
		Patna...	...	...	...	...	...	...	...	1	0.09	1.40	2.22	1.94	
		Patna...	...	...	...	0.20	...	...	...	1	0.20	3.44	2.19	2.78	
		Patna...	...	...	...	0.07	...	...	...	1	0.07	2.75	2.21	1.95	
		Patna...	...	...	...	0.40	...	...	...	1	0.40	1.07	?	1.07	
		Patna...	1.00	...	...	...	...	...	...	1	1.00	3.08	?	3.08	
		Patna...	1.81	1.11	...	0.10	...	0.40	...	3	1.67	3.22	2.53	2.61	
		Patna...	...	...	...	0.11	...	...	...	2	0.11	2.10	2.55	2.61	
	South Bihar.	Patna...	...	...	...	...	0.78	0.12	...	2	0.90	2.50	?	2.30	
		Patna...	0.25	...	...	...	0.05	...	...	1	0.25	5.82	4.51	...	
		Patna...	...	...	...	...	...	...	...	Nd	Nd	5.58	2.01	...	
		Patna...	...	...	0.78	...	...	...	...	2	0.78	7.90	4.74	...	
		Patna...	0.25	0.03	...	...	...	...	...	3	0.71	4.27	3.87	1.80	
		Patna...	2.82	...	...	...	...	...	...	1	2.82	5.05	3.27	3.60	
		Patna...	...	...	...	0.01	...	...	...	1	0.01	5.17	3.93	3.65	
		Patna...	...	...	...	0.21	...	...	...	1	0.21	5.00	?	4.70	
		Patna...	1.00	...	0.01	...	...	...	...	2	1.01	0.11	?	5.81	
		Patna...	...	...	...	...	...	...	...	1	0.12	2.72	2.84	1.70	
CENTRAL NAG-PUR.	HAZARIBAGH.	Patna...	...	...	...	0.12	...	...	...	1	0.12	3.74	2.67	...	
		Patna...	0.10	0.78	...	0.20	...	...	...	3	0.80	3.74	2.67	...	
		Patna...	0.18	...	...	...	...	...	...	1	0.18	2.73	3.80	1.65	
		Patna...	...	...	...	...	...	...	...	Nd	Nd	2.40	2.51	2.7	
		Patna...	...	...	...	...	...	...	...	Nd	Nd	2.09	?	2.7	
		Patna...	...	...	...	0.11	...	...	...	1	0.11	2.15	?	1.72	
		Patna...	...	...	...	0.71	...	...	...	2	0.71	2.06	?	2.06	
		Patna...	...	...	...	...	...	...	...	2	0.71	2.26	?	2.11	
		Patna...	...	...	...	...	...	...	...	1	0.45	3.51	?	3.51	
		Patna...	0.22	0.20	...	0.27	0.02	...	...	2	0.22	4.40	2.88	...	
	LEHARAGUR.	Patna...	0.20	0.10	...	...	...	...	...	Nd	Nd	2.14	1.35	...	
		Patna...	...	...	...	...	...	...	...	2	0.30	0.47	?	...	
		Patna...	...	...	...	0.25	...	...	...	Nd	Nd	Nd	?	Nd	
		Patna...	...	...	...	...	...	...	...	1	0.25	0.50	?	0.50	
		Patna...	...	...	...	...	...	...	...	1	0.21	7.33	3.05	1.81	
		Patna...	...	...	0.25	0.02	0.27	0.05	...	5	1.24	4.00	?	1.77	
		Patna...	...	...	...	...	...	...	...	1	0.71	4.73	?	3.28	
		Patna...	...	0.00	0.11	...	...	...	...	1	0.11	5.20	?	...	
		Patna...	1.20	...	...	...	...	...	...	2	1.20	4.21	3.06	...	
		Patna...	...	...	...	0.21	0.08	...	...	1	0.21	1.48	2.60	...	
	Mannhoon.	Patna...	...	...	...	...	...	...	...	1	0.78	0.61	?	...	
		Patna...	1.19	...	...	...	...	...	...	1	1.19	2.98	?	...	
		Patna...	...	...	...	...	...	...	...	1	0.85	?	?	...	
		Patna...	0.12	0.20	...	...	...	...	...	2	0.23	4.40	?	...	

Foot-note.—Indicates that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any day is blank, the corresponding space in the total rainfall columns are left blank.

Calcutta, the 8th June 1886.

**SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS
TAKEN IN BENGAL FOR THE WEEK ENDING FRIDAY, THE 4TH OF
JUNE 1886.**

At the close of the week ending May 28th a feeble moist wind current was blowing over Bengal, which was giving rather general and in many cases heavy rain. It was stated in the report for that week that this current could not be considered to represent the commencement of the rains in Bengal, and that such was the case has proved to be true. Rain continued to fall over the greater part of the Province for the first two days of the week, but the rainfall was generally of more or less local character, and it was very irregular in its distribution, though in many cases it was heavy. During this period winds decreased in velocity in Bengal and became very light, though strong winds continued to blow in the centre and south of the Bay, showing that another advance of monsoon winds was taking place up the Bay. On Monday, the 31st of May, it became evident that a slight barometric depression had formed in front of the advancing monsoon winds, and on this day the depression was probably off the Akyab coast, and it was giving heavy rain to that station. On Tuesday, the 1st of June, the feeble depression was reaching South Bengal, the centre being between Sangor Island and Chittagong, but the fall of the barometer accompanying it was small, only amounting to about a tenth of an inch. The depression was still giving heavy rain to the stations on the east coast, and Akyab this day reported the excessive amount of 5.69 inches. The depression was accompanied by the usual cyclonic circulation of winds, but at all stations the wind force was small. On Wednesday, the 2nd instant, the feeble depression was still over the head of the Bay, though it had advanced slowly in a northerly direction, and its centre was not far from Burrisal. On Thursday, the 4th, it had again advanced slowly, and it began rapidly to fill up, though it still seemed to exist in a feeble form in Central Bengal, but with its advance an extraordinarily heavy rainfall occurred over parts of South-East Bengal. The rainfall appears to have been heaviest at Chittagong, and at this station from 4 P.M. of the 3rd to 10 A.M. of the 4th, or during only 18 hours, no less than 14.69 inches of rain were recorded. Other stations also received rather heavy rain, but up to the present this is the largest fall recorded. On the following day, Friday, the 5th, the depression had quite filled up and disappeared, though the rather strong monsoon winds which followed in the rear of the depression continued to give heavy rainfall, and thus on the morning of this day at Chittagong a further fall of 5.04 inches of rain was recorded. The winds which accompanied this feeble storm were particularly light, though as stated before in its rear a rather strong monsoon followed, but this did not advance very far inland, and in fact it died away to a great extent shortly after the disappearance of the depression. It is always difficult to say the exact date when the rains break in any part of Bengal on account usually of their gradual incidence, but this burst of rain may probably be taken to represent the first advance of the monsoon over the southern part of South-East Bengal.

Pressure.—During the week has been decidedly below the normal, and the variations from day to day have, to a great extent in the latter half of the week, been dependent on the movement of the depression just described. Compared with the normal, the pressure for the week over the whole province has been 0.048" in defect. For the previous week pressure was 0.062" in excess, so there has therefore been a general and rather rapid diminution of pressure during the week under review.

Temperature.—Has, for the greater part of the week, and at the majority of stations, been below the normal, and the mean temperature for the whole week for the whole province shows a defect of 1.6°. In the previous week the defect equalled 1.7°, so there has been no practical change in this respect. Again, as in the previous week, the defects are largest in Chutia Nagpur and Orissa, where they are 3.5° and 2.0° respectively.

Rain.—Has fallen in all districts during the week, and though in many parts rather local, the general fall has been fully equal to the normal, while at some of the stations in South-East Bengal, as mentioned previously, the rainfall has been exceptionally heavy. The rainfall has been largest in East Bengal, where it averages 3.40 inches, the normal fall for the period being 2.84 inches. This district has therefore received a fall considerably in excess. North Bengal has recorded an average fall of 2.90 inches against the normal 2.51 inches, and has therefore also received an excess fall. North Behar reports 1.31 inches against the normal 0.63 inch, and in this district therefore the fall has been more than twice as large as usual. South-West Bengal has received 1.09 inches, which is only about two-thirds the normal fall of 1.43 inches. Orissa has received 1.30 inches, the normal fall being 1.13 inches, and has thus received practically a normal fall. Finally in South Behar the actual fall has been 0.68 inch, the normal being 0.52 inch, and Chutia Nagpur has received 0.59 inch against 0.75 inch, and both of these districts have therefore received falls about equal to the normal.

As stated previously, some particularly heavy falls of rain have occurred during the week, the heaviest falls generally being reported on the 3rd and 4th. Thus, in addition to those previously recorded on the 3rd instant, Rungamati (Chittagong Hills) reported 6.02 inches, Harishpur (Noakhally district) 6.1 inches, Joydebpur (Dacca district) 4.68 inches, and Cox's Bazar 4.13 inches, and on the 4th instant Noakhally reported 4.44 inches.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Friday, the 4th of June 1886:—

METEOROLOGICAL DIVISIONS.	TEMPERATURE.							RAINFALL.									
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st May.		Since 1st May.		
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.	
Calcutta	102°P	75°S	85°4	79°4	80°4	-1°4	1°30	1°13	+0°17	1°0	1°8	+0°1	1°58	4°30	3°30	8°56	
South-West Bengal	104°0	74°0	84°4	80°0	81°2	-0°2	1°00	1°43	-0°34	2°0	2°3	-0°3	8°03	6°00	4°10	3°58	
East Bengal	102°8	71°4	80°8	76°7	81°7	-1°3	3°40	2°84	+0°56	4°3	3°3	+1°2	12°83	11°01	7°40	6°53	
North Bengal	97°4	70°6	83°4	76°1	82°8	-	2°00	2°31	+0°30	3°3	2°0	+0°7	10°10	10°38	7°48	6°84	
North Bihar	101°5	68°5	80°4	77°5	80°6	-0°7	1°31	0°03	+0°68	1°4	1°0	+0°4	4°03	3°21	3°20	1°77	
South Bihar	106°8	73°0	87°0	79°3	88°3	-2°0	0°68	0°52	+0°16	1°3	1°0	+0°3	8°02	2°34	2°32	1°50	
Central Nagpur	98°6†	71°7†	83°6†	74°0†	84°0†	-3°6†	0°50	0°75	-0°16	1°0	1°0	-0°6	3°10	2°84	2°54	1°03	

† Purneah not included.
† Chyabassa not included.

METEOROLOGICAL OFFICE, BENGAL;
The 9th June 1886.

ALEXANDER PEDLRE,
Offg. Meteorological Reporter to the Govt. of Bengal.

**Abstract of the results of Meteorological Observations taken at the Alipore
Observatory in the month of May 1886.**

	inches.	Date.	Hour.
The mean pressure of the month ...	29.699		
The average pressure of May from 24 years' registers ...	29.656		
The highest pressure in the month ...	29.818	21st	10h.
The lowest pressure in the month ...	29.511	31st	16h.
The range of pressure ...	0.337		
Hours.			
The total number of hours of bright sunshine during the month ...	292.9		
The maximum possible number of hours of sunshine ...	408.3		
°			
The mean temperature of the month ...	84.8		
The average temperature of May from 24 years' registers ...	86.1		
The highest temperature in the month ...	100.5	11th	
The lowest temperature in the month ...	68.4	13th	
The range of temperature during the month ...	32.1		
The mean daily range of temperature ...	16.7		
The greatest range of temperature in one day ...	22.3	8th	
Per cent.			
The mean humidity of the month ...	77		
The average humidity of May from 24 years' registers ...	73		
Inches.			
The mean vapour tension of the month ...	0.904		
The average vapour tension of May from 9 years' registers ...	0.833		
The mean cloud proportion of the month ...	4.06		
The average cloud proportion of May from 9 years' registers ...	4.53		
Inches.			
The total rainfall of the month ...	7.93		
The total rainfall indicated by a Beckley's self-registering rain-gauge (mouth of the gauge about 52 feet above the ground) ...	7.60		
The average fall of May from 48 years' registers ...	5.40		
The greatest fall in 24 hours ...	4.53	12th	
Days			
The number of rainy days in the month ...	13		
The average number of rainy days in May from 24 years' registers ...	13		
°			
The mean maximum equilibrium temperature of solar radiation during the month ...	152.2		
The mean difference of sun and air temperatures ...	58.7		
The greatest sun temperature ...	158.5	22nd	
The greatest excess of sun over air temperature ...	65.4	26th	
The mean temperature of the nocturnal radiation thermometer on woollen cloth ...	72.4		
The mean depression of the nocturnal radiation thermometer below the minimum air temperature at 4 feet above the ground ...	4.5		
The greatest depression of the nocturnal radiation thermometer below the minimum air temperature ...	9.0	9th	
Miles.			
The mean movement of the wind per day ...	140.9		
The greatest movement of the wind in one day ...	390.0	5th	
The greatest movement of the wind in one hour ...	23.0	3rd 2 to 3 p.m.	
The number of hours with winds from each of the 8 points—			

N. 25, NE. 17, E. 66, SE. 144, S. 262, SW. 166, W. 14, NW. 5, Calm 55.

The results of observations at the Alipore Observatory are not rigorously comparable with the registers of former years (at the Park-street Observatory). The barometer is about 3 feet higher at Alipore, and, other things being equal, reads therefore .003 lower. The diurnal range of temperature is also greater at Alipore, and the mean temperature apparently about 0°.5 higher; and, finally, the thermometer, which furnished the record of temperature at the Surveyor-General's Office during 20 years and upwards, is found to read 0.6 higher than the Kew standard thermometer, which is the standard of reference at the present Observatory.

A. PEDLER,

METEOROLOGICAL OFFICE, INDIA;
Calcutta, the 7th June 1886.

For Meteorological Reporter to the Govt. of India.

**Results of the Meteorological Observations taken at the Alipore Observatory from
30th May to 5th June 1886.**

Month.	Date.	Maximum barom. inches.	Number of hours of bright sunshine.	Average barometer at 2 P.M.	TEMPERATURE.				HYGROMETRY.			WIND.		Miles recorded.	Hds.	Weather.
					Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.			
		°		°	°	°		°	°	Inches.	°	%			Inches.	
May	30th	154	8	59.26	80.7	92.2	12.5	70.7	80.8	0.973	78.4	77	S and SSE	128	Not measured.	Chiefly cloudy d, t.
"	31st	153	8	59.0	80.9	92.7	11.8	70.8	80.7	0.967	78.2	77	SE by S and SSE	80	Nil	Chiefly cloudy.
June	1st	150.6	2.9	59.1	80.3	92.0	12.0	70.0	80.0	0.983	78.7	70	ESE, ENE and WSW	77	"	Chiefly cloudy o.
"	2nd	140.0	Nil	59.8	80.6	93.5	13.8	70.7	80.0	0.978	78.5	78	NW and SSW	93	0.1	Chiefly cloudy o, t. ⊕
"	3rd	152.0	7.0	59.10	80.8	92.2	20.2	70.0	80.5	0.981	78.7	73	SW by S and WSW	120	Nil	Chiefly cloudy t, o.
"	4th	155.0	7.2	59.0	80.6	92.7	17.1	82.8	82.3	1.005	79.6	72	SW, WSW and SSW	178	"	Partially cloudy
"	5th	158.5	3.5	59.44	87.0	95.2	18.6	82.0	80.1	0.927	70.0	71	SSW and SSE	194	"	Chiefly cloudy

The mean pressure of the seven days	...	inches	29.537
The average pressure of the corresponding period for 24 years, S. G.'s Office	...	"	29.582
The total number of hours of bright sunshine	...	Hours.	30.0
The maximum possible number of hours of sunshine	...	"	93.7
The mean temperature of the seven days	...	°	87.6
The average temperature of the corresponding period for 24 years, S. G.'s Office	...	"	86.6
The extreme variation of temperature	...	"	20.7
The maximum temperature	...	"	99.7
The highest velocity of the wind in one hour	...	Miles.	13
The highest pressure of wind on one square foot	...	lbs.	2
The mean relative humidity	...	%	75
The average relative humidity of the corresponding period for 24 years, S. G.'s Office	...	"	76
The total fall of rain from 30th May to 5th June 1886	...	Inches.	0.01
The average fall of the corresponding period for 24 years, S. G.'s Office	...	"	1.58
The total fall from 1st January to 5th June 1886	...	"	11.57
The average fall of the corresponding period for 24 years, S. G.'s Office	...	"	10.77

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph and from observations made at 6h, 10h, 16h and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard Newman's No. 1 formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o overcast, d drizzling rain, t thunder, ⊕ solar corona.

A. PEDLER,

For Meteorological Reporter to the Govt. of India

METEOROLOGICAL OFFICE, INDIA;
Calcutta, the 7th June 1886.

Abstract of the results of the Thermometric Observations taken at the Meteorological Office, Chowringhee, in the month of May 1886.

	°	Date.
The mean temperature during the month	81.0	
The highest temperature during the month	102.0	10th
The lowest temperature during the month	63.9	13th
The range of temperature during the month	38.1	
The mean daily range of temperature during the month	17.9	
The greatest range of temperature in one day during the month	23.2	10th

	°	
The mean humidity during the month	76	Inches.
The mean vapour tension during the month	8.92	
The total rainfall of the month	8.18	
The greatest fall in 24 hours	4.52	12th.
The number of rainy days in the month	13 days.	Days.

A. PEDLER,
For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA;
Calcutta, the 7th June 1886.

Results of the Thermometrical Observations taken at the Meteorological Office, Chowringhee, from 30th May to 5th June 1886.

		TEMPERATURE					HYGROMETRY.			
MONTH.	Date.	Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Rain.
1886							Inches.		%	Inches.
May	18th	85.9	91.3	11.0	80.0	80.8	78.3	77.5	80	Nil.
"	21st	86.6	90.5	13.2	80.0	81.1	78.9	78.9	79	"
"	1st	84.4	95.0	14.6	80.1	80.8	1.601	79.1	85	"
"	2nd	87.1	101.6	13.6	81.0	81.5	1.600	80.1	85	"
"	3rd	88.3	100.0	20.0	81.0	81.9	79.7	78.2	73	"
"	4th	90.9	100.0	10.0	85.7	81.1	72.7	76.9	64	"
"	5th	88.3	99.0	15.1	81.6	82.3	1.621	79.0	76	"

The mean temperature of the seven days	87.1
The extreme variation of temperature	20.0
The maximum temperature	100.0

The mean relative humidity	77
----------------------------	----

The total fall of rain from 30th May to 5th June 1886	Nil.
---	------

The mean temperature and humidity are obtained by applying to the mean of the 10n, 16h and minimum readings a correction dependent on the range, and derived from the hourly observations at the Surveyor-General's Office, Chowringhee, in past years.

METEOROLOGICAL OFFICE, INDIA;
Calcutta, the 7th June 1886.

A. PEDLER,
For Meteorological Reporter to the Govt. of India.

MEMORANDUM.

THE returns of the principal Municipalities in Bengal for the week ending 22nd May 1886 disclose the following results:—

1. That births and deaths were recorded in these Municipalities at the rates respectively of 15.2 and 20.3 per 1,000 of population as opposed to 16.4 and 22.3 per 1,000 in the preceding week ending 15th May, indicating a reduction in the registration of both events.

2. That these events were returned in the highest proportions from the following Municipalities:—

Births.			Deaths.		
		Ratio per mille.			Ratio per mille.
Beaulah	...	42.0	Beaulah	...	57.8
Serampore	...	31.4	Comillah	...	38.6
Bhagulpore	...	29.0	Puri	...	33.6
			Gya	...	32.9
			Bhagulpore	...	32.8
			Serampore	...	31.4

3. That in comparison with the results of the preceding week there was a diminution of mortality from bowel-complaints, but no noticeable differences in the casualty rates from the rest of the diseases: *vide* figures given below:—

			Ratio per mille during the weeks ending—	
			22nd May 1886.	15th May 1886.
Cholera	...	...	1.6	1.9
Small-pox	...	...	.03	.1
Fever	...	...	9.4	9.5
Bowel-complaints	...	...	2.9	4.1
Injury	...	...	.4	.4
Other causes	...	...	6.0	6.3

4. That the highest death-rates from cholera, fever and the maladies classed under the head of "Other causes" were returned from the following Municipalities, the rest of the diseases not proving noticeably fatal anywhere:—

Cholera.		Fever.		Other causes.	
	Ratio per mille.		Ratio per mille.		Ratio per mille.
Beaulah	31.5	Comillah	27.0	Kishnaghur	15.1
Puri	12.6	Beaulah	26.3	Puri	14.7
Suburbs of Calcutta	2.7	Purneah	20.7	Bhagulpore	14.5
Dacca	2.6	Serampore	17.7		

5. That the death-rates under the heads of Sex, Class and Age stand as noted below:—

According to Sex.		According to Class.		According to Age.	
	Ratio per mille.		Ratio per mille.		Ratio per mille.
Males	20.6	Christians	17.4	Under 1 year	161.2
Females	20.0	Hindus	21.3	1 and under 5 years	34.6
Ratio of male deaths to every 100 female deaths. 117		Mahomedans	18.3	5 " " 10 "	8.3
		Other classes	36.4	10 " " 15 "	10.0
				15 " " 20 "	18.8
				20 " " 30 "	12.5
				30 " " 40 "	10.2
				40 " " 50 "	14.3
				50 " " 60 "	24.6
				60 years and upwards	47.2

R. LINDSEDALE, M.D., Deputy Surgeon-General,

The 7th June 1886.

Sanitary Commissioner for Bengal.

MORTALITY ACCORDING TO—

Disease.

BIRTHS.

POPULATION.

NAMES OF MUNICIPALITIES.

DISTRICTS.

POPULATION.			BIRTHS.				DEATHS FROM—										RATIO PER 1,000 OF POPULATION PER ANNUM.				DEATHS.		RATIO PER 1,000 OF POPULATION PER ANNUM.		Ratio of male deaths to every 100 female deaths.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																											
Districts.	NAMES OF MUNICIPALITIES.	Total.	Males.	Females.	Total.	RATIO PER 1,000 OF POPULATION PER ANNUM.		DEATHS FROM—						RATIO PER 1,000 OF POPULATION PER ANNUM.				Males.	Females.	Males.	Females.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
						Males.	Females.	Cholera.	Small-pox.	Fevers.	Bowel-complaints.	Injury.	Other diseases.	Cholera.	Small-pox.	Fevers.	Bowel-complaints.					Injury.	Other causes.	1) Causes.		2) Causes.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
Burdwan	Burdwan	16,083	16,017	34,950	5	0	4.6	4.6	9.2	100																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										

* A special census of the Europeans in the Darjiling Municipality was recently taken, as the census of this section of the community, taken in February 1881, was not reliable owing to the Europeans being at a minimum in that month. The number of the natives from this locality, as it was not necessary to be calculated on the revised population for all localities in the above table, except "14", the ratio under which have been omitted, inasmuch as the census of the Europeans, above alluded to, cannot be employed as a basis of calculation owing to the results of the census under this head not having been recorded under the authorized form of age classification.

DISTRICTS.	NAMES OF MUNICIPALITIES.	MORTALITY ACCORDING TO—										Age.									
		Class.					Deaths among—					Ratio per 1,000 of population per annum.									
		Deaths among—					Ratio per 1,000 of population per annum.					Deaths.									
		Christians.	Hindus.	Christians.	Other classes.	Buddhists.	Other classes.	Christians.	Hindus.	Other classes.	Buddhists.	Under 1 year.	1 and under 5 years.	5 and under 10 years.	10 and under 15 years.	15 and under 20 years.	20 and under 30 years.	30 and under 40 years.	40 and under 50 years.	50 and under 60 years.	60 years and up.
Burdwan	Burdwan	9	106	106	106	106	106	106	106	106	106	157.6	22.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
Midnapore	Midnapore	7	140	140	140	140	140	140	140	140	140	70.4	22.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
Hughli	Hughli and Chinsurah	7	118	76	118	76	118	76	118	76	118	55.1	19.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0	16.0
Samaspore	Samaspore	10	230	230	230	230	230	230	230	230	230	43.4	27.0	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
Howrah	Howrah	10	76	177	76	177	76	177	76	177	76	60.4	37.6	47.1	47.1	47.1	47.1	47.1	47.1	47.1	47.1
24 Parganas	Suburbs of Calcutta	2	284	284	284	284	284	284	284	284	284	23.7	38.8	18.4	20.2	23.1	18.8	18.1	18.3	18.3	18.3
Nuddea	Kishinagar	1	71	71	71	71	71	71	71	71	71	52.2	4.2	15.1	15.1	5.6	12.1	12.1	12.1	12.1	12.1
Jessore	Jessore	1	118	27.2	118	27.2	118	27.2	118	27.2	118	129.1	15.3	40.3	40.3	71.0	25.0	43.9	43.9	43.9	43.9
Barisal	Barisal	1	112	112	112	112	112	112	112	112	112	134.3	15.3	40.3	40.3	71.0	25.0	43.9	43.9	43.9	43.9
Darjiling	Darjiling	1	23	23	23	23	23	23	23	23	23	134.3	15.3	40.3	40.3	71.0	25.0	43.9	43.9	43.9	43.9
Dum	Dum	1	23	23	23	23	23	23	23	23	23	134.3	15.3	40.3	40.3	71.0	25.0	43.9	43.9	43.9	43.9
Chittagong	Chittagong	1	173	173	173	173	173	173	173	173	173	134.3	15.3	40.3	40.3	71.0	25.0	43.9	43.9	43.9	43.9
Tipperah	Tipperah	1	87	87	87	87	87	87	87	87	87	134.3	15.3	40.3	40.3	71.0	25.0	43.9	43.9	43.9	43.9
Pana	Pana	57	249	249	249	249	249	249	249	249	249	134.3	15.3	40.3	40.3	71.0	25.0	43.9	43.9	43.9	43.9
Gya	Gya	40	267	267	267	267	267	267	267	267	267	134.3	15.3	40.3	40.3	71.0	25.0	43.9	43.9	43.9	43.9
Khairabad	Khairabad	7	117	117	117	117	117	117	117	117	117	134.3	15.3	40.3	40.3	71.0	25.0	43.9	43.9	43.9	43.9
Moulvibazar	Moulvibazar	1	86	86	86	86	86	86	86	86	86	134.3	15.3	40.3	40.3	71.0	25.0	43.9	43.9	43.9	43.9
Darbhanga	Darbhanga	14	160	118	160	118	160	118	160	118	160	134.3	15.3	40.3	40.3	71.0	25.0	43.9	43.9	43.9	43.9
Baron	Baron	1	13	13	13	13	13	13	13	13	13	134.3	15.3	40.3	40.3	71.0	25.0	43.9	43.9	43.9	43.9
Bhagulpore	Bhagulpore	27	362	362	362	362	362	362	362	362	362	134.3	15.3	40.3	40.3	71.0	25.0	43.9	43.9	43.9	43.9
Monghyr	Monghyr	16	169	169	169	169	169	169	169	169	169	134.3	15.3	40.3	40.3	71.0	25.0	43.9	43.9	43.9	43.9
Purneah	Purneah	8	452	452	452	452	452	452	452	452	452	134.3	15.3	40.3	40.3	71.0	25.0	43.9	43.9	43.9	43.9
Patna	Patna	16	339	339	339	339	339	339	339	339	339	134.3	15.3	40.3	40.3	71.0	25.0	43.9	43.9	43.9	43.9
Total	Total	4	374	374	374	374	374	374	374	374	374	101.2	34.6	63.4	63.4	100	12.4	10.3	14.3	24.6	47.3

By Order of the Secretary to the Government of India.

CIRCULAR AND EASTERN CANALS.

Approximate Return of the Traffic on the Circular and Eastern Canals for the week ending Saturday, the 5th of June 1886.

Number of boats.	Nature of cargo.					Weight of cargo.	Tollage.
						Mds.	Rs.
263	Rice and paddy	...	...	...	...	68,760	1,218
16	Jute	...	...	...	...	12,575	213
187	Firewood	...	...	...	...	86,650	1,267
754	Other articles	...	...	...	...	2,51,910	3,610
1,220	Total					4,19,895	6,298

Weekly Return of Traffic Receipts on Indian Railways.

EAST INDIAN RAILWAY.

Approximate Return of Traffic for week ended 29th May 1886 on 1,515 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week...	241,143	2,48,026 2 0	30,48,290 0	7,45,005 2 0	22,105 12 0	10,14,725 0 0	66,523 4	138,935 1	205,458 5
Or per mile of railway...	165 11 8			491 6 9	14 10 5	669 12 7			
For previous 50 weeks of half-year...	4,985,449	50,70,098 9 3	5,67,77,870 30	1,30,95,940 14 0	4,24,534 4 9	2,00,30,019 0 0	1,554,851 1	3,356,354 1	4,911,205 2
Total for 51 weeks...	5,126,592	53,18,014 5 3	5,98,36,290 30	1,40,70,535 0 6	4,30,718 0 9	2,10,35,337 0 0	1,416,065 4	3,495,307 2	4,911,372 6
COMPARISON.									
Total for corresponding week of previous year...	302,386	1,93,684 18 5	20,48,467 10	7,50,295 11 0	52,696 11 10	9,62,875 7 1	64,770	134,875	199,645
Or per mile of railway corresponding week of previous year...	199 12 0			501 0 4	21 12 8	651 9 0			
Total to corresponding date of previous year...	4,028,171 1	50,90,414 11 11	5,61,30,415 10	1,40,99,794 11 11	4,76,024 1 10	2,09,40,133 0 8	1,438,369	2,531,000	3,969,369

* The increase in coaching traffic is partly due to marriage ceremonies and partly to the running of extra and special trains.

Approximate Statement of gross receipts of the East Indian Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 30TH MAY 1885.			RECEIPTS FOR WEEK ENDING 29TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 30TH MAY 1885.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 29TH MAY 1886.			Total increase in 1886.	Total decrease in 1885.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
1,500 1/2	9,62,875	651	1,515	10,14,725	670	1,500 1/2	20,64,870	5,939	1,515	20,24,132	5,002	.....	3,627

PATNA-GYA STATE RAILWAY.

Approximate Return of Traffic for week ended 29th May 1886 on 57 1/2 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week...	12,403	8,803 5 0	63,509 20	3,790 5 0	35 8 0	9,729 2 0	1,405	809	2,214
Or per mile of railway...	215	110 5 2	1,100 20	65 4 4	0 9 11	170 1 5			
For previous 50 weeks of half-year...	273,628	1,47,954 1 0	11,05,833 0	78,207 5 0	1,095 0 8	2,27,340 3 3	33,190	17,044 1	50,234 1
Total for 51 weeks...	286,031	1,54,257 4 0	11,30,334 20	81,631 7 9	1,130 8 8	2,37,060 6 3	34,594	18,848 2	53,442 4
COMPARISON.									
Total for corresponding week of previous year...	8,820	3,648 14 10	63,502 20	4,719 13 0	61 0 0	8,049 11 10	1,405	738	2,143
Or per mile of railway corresponding week of previous year...	154	67 4 7	1,099 20	82 5 6	1 6 8	151 9 6			
Total to corresponding date of previous year...	245,081	1,41,597 0 0	12,90,097 10	80,043 12 0	1,450 16 9	2,33,090 11 0	34,630	19,091	53,721

Approximate Statement of gross receipts of the Patna-Gya State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 30TH MAY 1885.			RECEIPTS FOR WEEK ENDING 29TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 30TH MAY 1885.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 29TH MAY 1886.			Total increase in 1886.	Total decrease in 1885.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
57 1/2	8,803	151	57 1/2	9,729	170	57 1/2	20,257	1,508	57 1/2	1,03,295	1,848	17,038	.....

DILDARNAGAR-GHAZIPUR STATE RAILWAY.

Approximate Return of Traffic for week ended 29th May 1886 on 12 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. c.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Traffic for the week ...	5,417	682 12 0	16,010 0	890 15 0	75 8 0	1,352 4 0	294	355	649
of railway ...	48 9 1			53 1 3	4 4 8	112 15 0			
For previous 20 weeks of half-year ...	55,003	6,885 7 6	6,72,156 0	12,355 13 0	769 2 3	21,508 0 0	4,713	4,801	9,514
Total for 21 weeks ...	60,420	7,568 4 6	6,88,176 0	13,245 12 0	844 10 3	23,865 10 0	4,941	5,156	10,107
COMPARISON.									
for corresponding week of previous year ...	5,227	907 5 6	20,219 20	941 5 0	91 1 3	1,400 12 0	121	375	396
of railway corresponding week of previous year ...	30 0 10			75 8 0	7 0 5	116 11 0			
to corresponding date of previous year ...	51,574	6,801 6 7	4,50,777 10	13,610 2 0	1,507 13 0	23,019 5 7	3,194	4,229	7,423

Approximate Statement of gross receipts of the Dildarnagar-Ghazipur State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 30TH MAY 1885.			RECEIPTS FOR WEEK ENDING 29TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 30TH MAY 1885.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 29TH MAY 1886.			Total increase in 1886.	Total decrease in 1886.
Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.		
Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.
1,401	117	12	1,355	113	12	11,746	977	12	11,545	962	...	...	181

SINDIA STATE RAILWAY.

Approximate Return of Traffic for week ended 29th May 1886 on 74 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
	Rs. A. P.	Mds. n.	Rs. A. P.	Rs. A. P.	Rs. A. P.				
Traffic for the week ...	4,316	3,481 10 0	91,669 10	4,110 11 0	45 0 0	7,740 10 0	636	1,343	1,979
of railway ...	46 0 5			60 0 5	0 13 11	103 7 9			
previous 20 weeks of half-	114,037	91,187 13 0	15,53,055 10	70,327 14 0	2,171 6 6	1,63,787 2 0	21,544	22,329	43,873
Total for 21 weeks	118,353	94,672 12 0	15,53,354 20	74,638 0 6	2,216 6 6	1,71,497 12 0	22,180	23,672	45,852
COMPARISON.									
for corresponding week of	4,761	3,512 0 0	79,956 10	2,935 4 0	98 13 8	6,926 6 0	1,160	1,400	2,560
of railway corresponding	51 0 2			40 1 2	1 3 3	92 13 7			
previous year	121,080	1,02,430 11 5	19,03,472 50	84,350 0 3	2,601 3 0	1,80,794 7 0	22,910	23,100	46,010
to corresponding date of									
year									

Approximate Statement of gross receipts of the Sindia State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 30TH MAY 1885.			RECEIPTS FOR WEEK ENDING 29TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 30TH MAY 1885.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 29TH MAY 1886.			Total increase in 1886.	Total decrease in 1886.
Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.		
Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.
6,926	93	74	7,741	103	74	61,940	827	74	64,537	867	...	3,197	...

TARKESWAR BRANCH RAILWAY.

Approximate Return of Traffic for week ended 29th May 1886 on 22½ miles open.

	COACHING TRAFFIC.		MERCHANTS AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching	Merchandise.	Total.
		Rs. A. P.	Mds. C.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week...	10,491	4,073 0 0	7,717 10	200 1 0	9 4 0	5,273 2 0	919	49	968
Or per mile of railway		2 5 8		13 0 7		230 15 11			
For previous 20 weeks of half-year...	408,729	1,10,705 1 0	2,23,817 0	7,500 5 0	125 7 5	1,18,630 14 5	10,419	5,124	22,144
Total for 21 weeks	419,220	1,15,078 11 0	2,31,534 10	8,000 4 0	134 15 5	1,23,904 0 5	20,838	5,174	25,142
COMPARISON.									
Total for corresponding week of previous year...	10,631	4,375 7 4	63,551 50	1,074 14 0	4 2 6	5,454 7 10	1,053	87	1,140
Per mile of railway corresponding week of previous year		1 9 8		48 15 0		247 14 11			
Total to corresponding date of previous year	449,758	1,21,591 12 2	4,31,551 0	9,914 14 0	241 4 9	1,31,047 14 11	24,919	6,721	29,140

Approximate Statement of gross receipts of the Tarkeswar Branch Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 30TH MAY 1885.			RECEIPTS FOR WEEK ENDING 30TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 30TH MAY 1885.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 30TH MAY 1886.			Total increase in 1886.	Total decrease in 1885.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
21	5,454	248	22½	5,273	237	21	51,236	2,389	22½	51,755	2,326	519	

CAWNPORE-KALPI RAILWAY.

Approximate Return of Traffic for week ended 29th May 1886 on 42 miles open.

	COACHING TRAFFIC.		MERCHANTS AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Receipts.	Weight carried.	Receipts.			Coaching	Merchandise.	Total.
		Rs. A. P.	Mds. C.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week...	9,793	1,118 0 6	18,986 10	2,544 11 3	26 0 0	3,578 11 9	320	203	523
Or per mile of railway		20 8 11		50 12 5		84 0 3			
For previous 7 weeks of half-year...	16,569	7,538 13 3	1,11,051 20	13,514 7 0	13 0 0	20,966 4 3	2,080	2,379	4,459
Total for 8 weeks	19,362	8,706 15 9	1,30,037 30	15,708 3 3	70 0 0	24,495 0 0	2,404	2,582	4,986

Approximate Statement of gross receipts of the Cawnpore-Kalpi Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING MAY 1885.			RECEIPTS FOR WEEK ENDING 29TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO MAY 1885.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 29TH MAY 1886.			Total increase in 1886.	Total decrease in 1885.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
42	5,530	54	42	5,530	54	42	24,495	563	42	24,495	563		

DACCA STATE RAILWAY.

Approximate Return of Traffic for week ended 22nd May 1886 on 86 miles open.

	COACHING TRAFFIC.		MERCHANTS AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. L.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Traffic for the week ...	8,014	2,771 0 0	2,405 0	341 0 0	76 0 0	3,224 0 0	950	1,722	2,672
per mile of railway ...	105	32 0 0	24 0	5 0 0	1 0 0	34 0 0	11	20	31
for previous 20 weeks of half-year ...	180,180	62,205 0 0	1,83,317 0	28,018 0 0	4,589 0 0	85,183 0 0*	16,510	31,647	47,657
Total for 21 weeks ...	188,194	65,006 0 0	1,85,722 0	28,359 0 0	4,665 0 0	88,410 0 0	16,560	32,367	48,927
COMPARISON.									
of corresponding week of same year ...	4,529	625 15 2	1,18,264 0	1,159 1 0	11 14 0	1,787 16 2	272	1,455	1,527
of railway corresponding week of previous year ...	465	62 9 6	11,828 0	115 14 0	1 6 7	179 12 7	27	150	153
to corresponding date of previous year ...	104,252	14,689 6 8	24,10,072 0	25,642 2 10	440 11 0	40,836 7 6	2,516	24,550	30,073

* Corrected by actuals up to week ending 17th April 1886.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Dacca State Railway.

RECEIPTS FOR WEEK ENDING 22ND MAY 1886.			RECEIPTS FOR WEEK ENDING 22ND MAY 1885.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 22ND MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 22ND MAY 1885.			Total increase in 1886.	Total decrease in 1885.
Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.		
Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.
1,798	180	68	3,428	34	10	15,272	191	84	33,114	48*	17,547		

* Corrected by actuals up to week ending 17th April 1886.

TIRHOOT STATE RAILWAY.

Approximate Return of Traffic for the week ending 29th May 1886 on 240 miles open.

	COACHING TRAFFIC.		MERCHANTS AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. L.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Traffic for the week on 240 miles open ...	37,004	12,678 0 10	1,77,302 30	17,484 15 3	3,415 8 10	33,469 1 13	6,895	5,163	11,058
per mile of railway ...	151	51 5 0	721 0	70 14 0	3 8 0	124 11 0*	...	...	...
for previous 20 weeks of half-year ...	712,419	2,40,735 5 2	20,30,881 10	2,51,395 0 9	57,014 7 2	5,68,002 14 1	94,671	101,390	196,061
Total for 21 weeks ...	749,514	2,50,374 0 0	20,30,274 0	2,70,838 0 0	60,030 0 0	6,00,133 0 0	100,706	106,539	207,245
COMPARISON.									
of corresponding week of same year on 240 miles open ...	20,337	6,610 7 5	1,32,638 30	13,823 15 0	3,084 8 2	23,449 9 5	3,671	5,818	9,489
of railway corresponding week of previous year ...	110	37 12 0	567 0	61 2 0	0 15 0	98 14 0*	...	...	...
to corresponding date of previous year ...	625,483	2,51,391 8 9	23,04,990 20	2,67,701 11 0	71,272 8 0	5,71,365 11 0	92,818	106,136	198,954

* Steam-boat earnings excluded in calculating "Total earnings" per mile of railway.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Tirhoot State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 29TH MAY 1886.			RECEIPTS FOR WEEK ENDING 29TH MAY 1885.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 29TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 29TH MAY 1885.			Total increase in 1886.	Total decrease in 1885.
Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.		
Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.
23,449	113	240	33,409	136	226	2,60,819	1,107	210	2,70,235	1,090	20,014		

NALHATI STATE RAILWAY.

Approximate Return of Traffic for the week ending 29th May 1886 on 27½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Id. A. P.			
Total traffic for the week	9,570	990 0 0	8,824 0	478 0 0	14 0 0	1,470 0 0	500	250	750
Or per mile of railway	348	36 0 0	320 0	17 8 0	0 8 0	53 15 0	...	...	...
For previous 20 weeks of half-year	52,031	20,419 0 0	1,87,133 0	12,650 0 0	419 6 0	23,409 6 0	16,335	8,202	24,537
Total for 21 weeks	61,601	21,390 0 0	1,95,957 0	13,128 0 0	433 6 0	24,838 6 0	16,835	8,452	25,287
COMPARISON.									
Total for corresponding week of previous year	1,9334	207 6 8	4,074 10	465 5 0	29 0 0	1,295 2 2	509	254	763
Per mile of railway corresponding week of previous year	71	29 10 0	180 0	17 3 0	1 1 0	47 14 0	...	...	...
Total to corresponding date of previous year	65,304	22,370 7 8	75,331 30	7,232 13 0	745 6 0	30,531 0 3	19,897	9,415	30,312

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Nalhati State Railway, prepared in accordance with Public Works Department Circular No. XXI, Railway, dated 23rd July 1883.

RECEIPTS FOR WEEK ENDING 30TH MAY 1885.		RECEIPTS FOR WEEK ENDING 29TH MAY 1886.		TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 30TH MAY 1885.		TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 29TH MAY 1886.		Total increase in 1886.		Total decrease in 1885.	
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
27½	1,305	48	27½	1,470	54	27½	11,241	408	27½	14,382	528

* The totals in these columns should be corrected by audited figures as far as possible.

EASTERN BENGAL STATE RAILWAY.

Approximate Return of Traffic for the week ended 29th May 1886 on 23½ miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated) including steam boat.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Id. A. P.			
Total traffic for the week	87,802	39,490 0 0	4,41,527 0	40,821 0 0	6,385 0 0	56,100 0 0	10,060	8,088	18,148
Or per mile of railway	376	169 0 0	1,972 0	172 0 0	...	241 0 0	...	...	...
For previous 20 weeks of half-year	1,890,842	7,77,317 0 0	79,40,958 0	9,23,225 0 0	1,13,029 0 0	14,14,474 0 0	217,578	195,012	412,590
Total for 21 weeks	1,978,644	8,16,807 0 0	83,82,527 0	9,64,046 0 0	1,20,414 0 0	15,00,938 0 0	227,638	203,100	430,738
COMPARISON.									
Total for corresponding week of previous year (audited)	81,370	30,810 0 0	4,41,186 0	34,769 0 0	5,027 0 0	70,606 0 0	11,335	7,749	19,084
Per mile of railway corresponding week of previous year	349	132 0 0	1,907 0	149 0 0	...	281 0 0	...	...	...
Total to corresponding date of previous year	2,114,622	8,34,280 0 0	87,40,318 0	8,37,968 0 0	6,45,717 0 0	12,43,685 0 0	246,746	198,415	445,161

* Audited up to week ending 10th April.

FINANCIAL YEAR.

Approximate Statement of Gross Receipts of the Eastern Bengal State Railway.

RECEIPTS FOR WEEK ENDING 30TH MAY 1885.		RECEIPTS FOR WEEK ENDING 29TH MAY 1886.		TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 30TH MAY 1885.		TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 29TH MAY 1886.		Total increase in 1886.		Total decrease in 1885.	
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.
Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.	Rs.
23½	70,746	301	23½	80,106	339	23½	7,23,603	5,103	23½	6,90,408	5,060

* Audited up to week ending 10th April.

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 29th May 1886 on 126 miles open.

	COACHING TRAFFIC		MERCHANDISE AND MINERAL TRAFFIC		Other earnings (estimated.)	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	MDS. B.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	23,653	8,341 0 0	20,516 0	1,647 0 0	22 0 0	10,660 0 0	5,540	1,624	5,316
Per mile of railway	189	65 0 0	163 0	14 0 0	...	80 0 0	...	...	...
For previous 26 weeks of half-year	481,514	1,70,460 0 0	7,32,067 0	49,853 0 0	629 0 0	2,14,842 0 0	74,579	32,460	107,359
For 26 weeks	505,167	1,78,801 0 0	7,52,503 0	45,540 0 0	551 0 0	2,24,592 0 0	76,165	34,513	112,470
COMPARISON.									
Total for corresponding week of previous year (audited)	22,274	7,322 0 0	23,611 0	1,815 0 0	25 0 0	8,663 0 0	4,300	1,615	5,37*
Per mile of railway corresponding period of previous year	177	58 0 0	187 0	10 0 0	...	68 0 0	...	...	...
For corresponding date of previous year	301,035	1,86,695 0 0	5,60,139 0	36,139 0 0	740 0 0	2,23,580 0 0	89,340	23,743	112,123

* Adjusted up to week ending 3rd April 1886.

FINANCIAL YEAR.

Approximate Statement of Gross Receipts of the Bengal Central Railway.

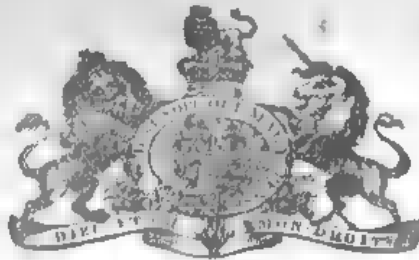
RECEIPTS FOR WEEK ENDING 30TH MAY 1886.			RECEIPTS FOR WEEK ENDING 29TH MAY 1885.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 30TH MAY 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 30TH MAY 1885.			Total increase in 1886-87.	Total decrease in 1886-87.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.
126	8,063	69	126	10,050	80	126	86,265	685	126	86,328	685	61	...

DARJEELING-HIMALAYAN RAILWAY COMPANY, LIMITED.

Approximate earnings for week ending 29th May 1886	Rs. A. P.
Corresponding week last year	9,847 0 0
Decrease	10,358 0 0
Receipts from 1st January to 29th May 1886	511 0 0
Ditto from 1st January to 30th May 1885	1,79,828 0 0
Increase	1,61,688 0 0
	18,140 0 0
Miles open week ending 29th May 1886	Miles.
Corresponding week last year	503
	504
Receipts per mile open week ending 29th May 1886	Rs. A. P.
Corresponding week last year	194 0 6
Decrease	204 1 9
	10 1 3

SECRETARY'S OFFICE, Darjeeling, the 6th June 1886.

W. STEVENSON, Secretary.



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, JUNE 16, 1886.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE may receive the SUPPLEMENT separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.

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EXHIBITION OF SILK COCOONS AT RAMPORE BEAULEAH.

No. 41Mct., dated Darjeeling, the 26th April 1886.

From—Lord H. ULICK BROWNE, Commissioner of the Rajshahye Division,
To—The Secretary to the Government of Bengal, Revenue Department.

REFERRING to Government letter No. 621—110, Agriculture, dated the 18th February 1886, and the previous correspondence, I have the honour to enclose a copy of a letter No. 2155J, dated 20th February 1886, from the Magistrate of Rajshahye, reporting on the exhibition of silk cocoons held at Rampore Beaulah in January last.

2. Every effort was made to secure the ends in view, and I trust that the exhibition has done good.

No. 2155J., dated Beaulah, the 20—22nd February 1886.

From—E. H. RUNDLOCK, Esq., Magistrate of Rajshahye,
To—The Commissioner of the Rajshahye Division.

I HAVE the honour to submit a report on the exhibition of silk cocoons held at Rampore Beaulah in compliance with the Bengal Government No. 464T.F. (Agriculture), dated the 28th April 1885, to your address, a copy of which was received with your No. 104Mct., dated the 13th May 1885.

On receipt of the letter cited above, a Committee was formed consisting of the following gentlemen :—

E. H. Riddock, Esq., c.s.	Chairman.
H. J. Abbot, Esq.	Members.
E. Gallois, Esq.	...	...
Dr. L. Cameron	...	...
W. G. Morey, Esq.	...	...
Kumar Shashi Shikhareshwar Roy	...	...
Baboo Mohendra Nath Bhattacharjee	...	...
„ Raj Kumar Sarkar	Member and Secretary.
Moulvi Khan Ali Khan	...	...
Baboo Rajendra Nath Ghose	...	...

The Committee held several meetings and decided to hold the exhibition in one of the godowns in the Borokonee compound on Monday, the 11th January 1886, and the five following days. One thousand copies of the prospectus of the exhibition, setting forth the principal rules and the number and value of the prizes to be awarded, were printed and extensively circulated in this and the neighbouring silk-producing districts. A subscription list was opened, and the Collectors of Moorshedabad, Beerbhoom, Maldah and Nuddea were requested to form sub-committees in their districts, to collect subscriptions, to circulate the prospectus, and to help generally in inducing exhibitors to come forward.

The following subscriptions were realised :—

	Rs.
Messrs. R. Watson and Company	250
Maharani Surnomoyi	200
Kumar Shashi Shikhareshwar Roy	200
Messrs. L. Payeen and Company	100
Maharani Sarat Sundari	100
Kumar Jogendra Nath Roy	100
Raja Hara Nath Roy	100
Smaller subscriptions	498
Total	1,548
Government grant (already received)	1,295
Grand Total	2,843

Government engaged to give a grant equal to the amounts raised by subscriptions up to Rs. 2,000, and the amount over Rs. 1,295 was collected subsequently.

The Committee offered the following prizes to the exhibitors :—

	Rs.
2 Prizes at Rs. 75 each	150
4 „ „ 50 „	200
8 „ „ 30 „	240
16 „ „ 20 „	320
20 „ „ 16 „	320
32 „ „ 10 „	320
64 „ „ 5 „	320
	1,870

It was also decided to award a prize of Rs. 50 for the best Bengali essay on the method of rearing silk cocoons, and advertisements were inserted in the *Hindu Rajika*, the *Hindu Patriot*, and the *Bangabasi* announcing this prize. Later on hand bills were printed and stuck up in the market-places and other conspicuous parts of silk-producing villages, to remind the people of the forthcoming exhibition, and Messrs. Morey and Gallois and other influential gentlemen were requested to explain the object of the exhibition to their ryots through mandals and headmen of villages. The Committee also invited Mr. A. C. Sen, Assistant to the Director of Agriculture, to attend the exhibition; but unfortunately he could not come owing to pressure of business. *Machans* in three tiers were provided for the reception of exhibits.

The exhibition was opened on the 11th January 1886, at noon, by Lord H. Ulrick Browne, Commissioner of the Division, in the presence of several gentlemen, European and native, a few European ladies, and a large number of the exhibitors. In the course of the week the prize essay was read and explained to the exhibitors, and they were addressed in Bengali by two gentlemen—one of whom was Baboo Rama Nath Sen, the author of the prize essay, and a gentleman of 20 years' experience in silk business. The exhibitors had also an opportunity of seeing how silk was reeled off by machinery in the filature of Messrs. Watson and Company.

The number of exhibits was as under—

	No. of exhibits.
Rajahmundry ...	141
Moorshedabad ...	83
Beerbhoom ...	5
Maidah ...	.....
Nuddea ...	1
Total ...	230

Messrs. Morey and Galloin, assisted by Baboo Roma Nath Sen, decided who were the prize-winners. I regret to observe that, as in Moorshedabad last year, some dishonest persons attempted to palm off as theirs cocoons reared by others; but the judges took care to see that such unscrupulous exhibitors got no prizes. The exhibition was closed on the 16th January 1886, when I distributed the prizes and addressed a few words of encouragement to the exhibitors present. A few copies of "Keshum Tutwa," presented by Kumar Shashi Shikharshwar Roy, were then distributed among the cocoon-rearers. It is also intended to print the prize essay and distribute copies among the exhibitors.

The following statement shows the prizes obtained by the exhibitors of the different districts :—

DISTRICTS.	First class prize Rs. 75.	Second class prize Rs. 50.	Third class prize Rs. 30.	Fourth class prize Rs. 20.	Fifth class prize Rs. 10.	Sixth class prize Rs. 10.	Seventh class prize Rs. 5.	Total amount in rupees.
Rajahmundry ...	1	2	3	7	7	15	41	847
Moorshedabad ...	...	2	6	8	13	15	23	265
Nuddea ...	...	...	...	...	...	1	...	10
Beerbhoom ...	...	...	...	...	...	1	...	10
Total ...	2	4	9	15	20	32	64	1,270

The Judges were of opinion that the cocoons exhibited were as good as ever they have seen in Bengal, and above the average obtainable.

The receipts and disbursements were as under—

(a) Receipts—

	Rs.	A.	P.
Subscriptions ...	1,548	0	0
Government grant ...	1,295	0	0*
Sale proceeds of bamboos, &c. ...	9	13	0
Total ...	2,852	13	0

(b) Disbursements—

	Rs.	A.	P.
Prizes ...	1,920	0	0
Establishment ...	28	0	0
Contingencies ...	869	3	9
Total ...	2,817	3	9

This is the first time that an exhibition of this kind has been held in this district, and though the people here are not very easily induced to move away from their homes, still it is hoped that this effort may, though on a small scale, produce some good. The exhibition has undoubtedly fostered a spirit of emulation among the cocoon-rearers by bringing together the cocoons of the various silk-producing tracts, and open astonishment was expressed by many of the exhibitors at seeing work so much superior to anything they could produce. The exhibitors appeared to appreciate, on the whole, the object of the exhibition; and there are grounds for hoping that similar exhibitions, held in the different silk-producing districts, in different years, may lead to good results.

* A further grant of Rs. 263 was made by Government order No. 631-110Agrl, dated 18th February 1886. The total receipts therefore amount to Rs. 3,100-13.

REVIEW OF THE TRANSACTIONS OF THE FINE FUNDS ON THE STATE RAILWAYS OF BENGAL FOR THE YEAR 1885-86.

GOVERNMENT OF BENGAL—PUBLIC WORKS DEPARTMENT.

RAILWAY.

No. 1094R—A, dated Calcutta, the 4th June 1886.

READ—

Government of India, Financial Dept. Resolution No. 427, dated the 28th June 1880,
Letter No. 188A, dated 27th April 1886, from Manager, Northern Bengal S. Railway.
Letter No. 4192, dated 1st May 1886, from Manager, Tirhoot State Railway.
" " 1672, dated 17th April 1886 " " Dacca State Railway.
" " 1568, dated 5th May 1886 " " Nalhati State Railway.

The receipts and disbursements upon the several lines were as follow :—

RAILWAYS.	RECEIPTS.				EXPENDITURE.			Balance at end of 1885-86.
	Balance on 1st April 1885.	Fines.	Interest.	Total.	Disburse- ments.	Refunds.	Total.	
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Northern Bengal ..	1,808 11 8	1,876 5 5	66 10 3	3,491 10 9	1,486 6 3	28 8 0	1,714 14 5	1,776 12 0
Tirhoot ..	2,974 0 7	1,189 13 11	65 1 5	3,290 18 11	1,787 14 0	20 11 0	1,808 5 0	1,401 4 11
Dacca ..	0 0 0	659 19 3	5 8 3	474 3 6	300 0 0	4 14 0	304 14 0	169 5 6
Nalhati ..	850 11 5	26 4 9	12 10 0	438 10 8	367 5 10	4 0 0	171 4 10	807 4 10
Total ..	4,678 11 8	3,483 2 2	140 11 5	7,704 8 10	3,941 10 1	58 1 0	3,900 11 1	3,704 13 0

During the year 1885-86 the assets of the Fine Funds upon the Bengal Provincial Railways were expended as follows :—

Northern Bengal State Railway.—Schools Rs. 1,367, institutes Rs. 100, amusements Rs. 150, sick employes Rs. 69-6-3.

Tirhoot State Railway.—Schools Rs. 149, institutes Rs. 297-7, amusements Rs. 780, sick and miscellaneous Rs. 361-1, and volunteering Rs. 200.

Dacca State Railway.—Institute Rs. 300.

Nalhati State Railway.—Schools Rs. 49, institutes Rs. 90, sick employes Rs. 28-5-10.

Of the balance at credit of the Northern Bengal State Railway Fund, Rs. 500 represented the balance of last year's loan to the Railway Co-operative Stores Association, which was still outstanding at the end of 1885-86.

RESOLUTION.

In the Resolution on the Fine Fund reports last year, attention was drawn to the necessity of avoiding any undue accumulation of balances, and the Lieutenant-Governor observes in the present reports that on the Tirhoot State Railway and Nalhati State Railway the balances have been reduced. On the Northern Bengal State Railway, however, the balance still shows a tendency to increase, and the Manager should take steps to avoid this. A larger proportion of the assets of the fund on this line may with advantage be spent in providing amusements and recreation for the employes.

ORDER.—Ordered that a copy of this Resolution be forwarded to the Secretary to the Government of India, Public Works Department, and to the Managers of the Bengal Provincial Railways, for information, and that the Resolution be published in the *Calcutta Gazette*.

By order of the Lieutenant-Governor of Bengal,

S. T. TREVOR, Col., R. E.,

Secretary to the Government of Bengal,
P. W. Dept.

Rainfall, Weather, and State and Prospects of the Crops.

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government during the week ending the 12th June 1886.

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL.			
<i>Western Districts.</i>			
Burdwan Div.	1 Burdwan, June 12 '86	0.06	Weather—very warm. Prospects of crops good. Price of common rice 16 to 22 seers per rupee. Public health good.
	2 Culna	2.86	
	3 Ranigunge	0.03	
	4 Bankura, " 12 "	0.12	Weather—hot, close, and cloudy. Cotton flowering. <i>Til</i> ripening. <i>Aus</i> seedlings doing well. Prices stationary at head-quarters. Public health good.
	5 Heerboom, " 12 "	0.20	Weather—hot. Rain wanted. Ploughing and sowing fairly advanced. Prices moderate. Public health good except for a few cases of cholera.
Burdwan Div.	6 Rampur Haut	0.02	
	7 Midnapore, " 12 "	0.11	Weather—very hot. Cultivation at a stand-still. Rain urgently required. Public health good.
	8 Hooghly, " 12 "	Nil	Weather—very hot. Prospects of all crops good. Public health good.
	9 Jhansabad	0.42	
Burdwan Div.	10 Howrah, " 14 "	0.04	Weather—extremely oppressive. High temperature. Sowing of <i>aus</i> and <i>aman</i> rice and jute being pushed on, but rain wanted.
	11 Oooloberiah	0.66	
	12 Oooloberiah	0.66	
<i>Central Districts.</i>			
Presidency Div.	13 24-Pargha, " "	.....	Report not received.
	14 Nudda, " 12 "	Nil	Weather—very warm and close; occasionally cloudy. Prospects of crops good. General health good.
	15 Koochta	0.23	
	16 Meherpur	0.70	
	17 Khoulia, " 12 "	0.21	Weather—cloudy and hot. Cultivation of rice continues. Prospects good. Public health good.
Presidency Div.	18 Jessor, " 12 "	0.09	Weather—very hot. Prospects of paddy crop continue to be good. Price of rice stationary. Public health good.
	19 Jhenidah	0.62	
	20 Magora	0.96	
	21 Narail	2.39	
	22 Moulshabad, " 12 "	1.96	Weather—very sultry, generally at Sudder station. A very good shower of rain (1.96) fell on 6th, but weather has again become very hot. All prospects good. Public health good. Price of rice stationary.
Rajshahi Div.	23 Lalbagh	1.30	
	24 Kandi	1.26	
	25 Jungipore	0.76	
	26 Dinapore, June 11 '86	0.11	Weather—hot and dry. Cultivation progressing.
	27 Rajshahi, " 12 "	0.26	Weather—very hot. Harvesting of <i>til</i> commenced. Sowing of <i>aman</i> paddy still in progress. Prospects of standing crops generally good, but more rain wanted. Health fair.
Rajshahi Div.	28 Nowgong	1.82	
	29 Rangpur, " 12 "	0.37	Weather—very hot. State of crops generally good. Harvesting of early rice commenced at some places. Cholera reported from Sanderghage and Nagawari. Health generally good.
	30 Kurigram	1.65	
	31 Gaibanda	0.48	
	32 Nilphamari	1.23	
Rajshahi Div.	33 Bogra, " 12 "	1.29	Slight rain during week. Temperature moderate. Prospects of <i>aus</i> and jute continue favourable. Sugarcane plants healthy. Land being prepared for <i>aman</i> crop. A few cases of cholera still reported.
	34 Sherpur	2.48	
	35 Nowkilla	0.50	Weather—hot for greater part of week. Crops doing well. Public health good.
	36 Pabna, " 12 "	0.34	Weather—fine and hot. Prospects of crops favourable. Several cases of cholera reported from Pankabari.
	37 Serajgunge	0.64	Weather—unusually dry and hot for this time of year. Hot weather should benefit jute. <i>Shadoi</i> paddy looking very well. Other crops favourably reported. Public health continues good.
Rajshahi Div.	38 Darjeeling, " 12 "	1.82	
	39 Jalpigore, " 12 "	0.61	
	40 Jalpigore, " 12 "	0.61	
	41 Jalpigore, " 12 "	0.61	
	42 Jalpigore, " 12 "	0.61	
<i>Eastern Districts.</i>			
Dacca Division.	43 Dacca, June 12 '86	4.12	Weather—hot and cloudy. Sowing of <i>aman</i> paddy nearly finished. Jute and <i>aus</i> paddy doing well. Prospects good. Public health good.
	44 Manickgunge	0.39	
	45 Munshigunge	3.86	
	46 Naraingunge	2.78	
	47 Farraupore, " 12 "	Nil	Weather—very hot. State and prospects of crops good. Public health good.
Dacca Division.	48 Madaripore	0.15	
	49 Gostardo	8.18	
	50 Backergunge, " 10 "	1.10	Weather—seasonable. <i>Aus</i> crop promising. Cultivation of <i>aman</i> crop going on. General health fair.
	51 Mymensingh, " 11 "	2.42	Weather—close and cloudy. Rain beneficial to standing crops and jute. In Tangail jute attacked by caterpillars. Public health fair.
	52 Jamalpur	0.52	
Chittagong Div.	53 Kishoregunge	1.33	
	54 Netrakona	2.88	
	55 Chittagong, June 16 '86	1.48	Weather—seasonable. Sowing of <i>aus</i> paddy in progress. Prices stationary. Public health good.
	56 Snakholly, " 11 "	8.46	Heavy rain, cloudy sky, cooler temperature. <i>Aus</i> crop promises fairly. Ground being prepared for transplanting <i>aman</i> seedlings. Public health fair.
	57 Fenny	5.18	Weather—hot in day, close and still at night. All preparations for transplanting winter rice crop being pushed on. Some transplantation completed. <i>Aus</i> crop flourishing.
Chittagong Div.	58 Tipperah, " 10 "	2.70	Weather—rainy with occasional sunshine throughout week. Very hot on 6th. Sowing in <i>joome</i> nearly over. <i>Aus</i> paddy in ear. Fever prevalent.
	59 Brahmanberiah	0.45	Weather—hot and occasionally rainy. Prospects of <i>satya</i> paddy good. Transplanting of sugarcane over. <i>Joome</i> crops still being sown. Public health good.
	60 Chandpur	6.70	
	61 Chittagong Hill	9.85	
	62 Tracta	2.05	
Chittagong Div.	63 Hill Tipperah, " 9 "	2.05	
	64 Hill Tipperah, " 9 "	2.05	

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
MEMAR.			
PAINA DIST.	26 Patna, June 12 '86	Nil	Weather—very hot. <i>Bhadai</i> crops being sown in some places. <i>Oasena</i> and sugarcane doing well. Public health generally good; a few cases of cholera reported from Barh town.
	27 Gya, " 12 "	Nil	Weather—extremely hot and oppressive. <i>Morus</i> and rice being sown for seedlings. Sugarcane doing well. Public health good. Slight fall in prices.
	28 Shahabad, " 12 "	Nil	Weather—intensely hot. Prospects of sugarcane and indigo continue favourable. Prices stationary. Fever reported from Sasaram and Bhikshun; otherwise public health fair.
	29 Durbhanga, " 12 "	Nil	Weather—hot. Lands being prepared for <i>Bhadai</i> . Rain urgently needed for sowing of <i>Bhadai</i> crops. Prices stationary. Public health generally good.
	30 Mozufferpore, " 12 "	Nil	Weather—very close and cloudy. Standing crops in good condition. Lands being prepared for <i>Bhadai</i> crops. Public health good.
	31 Saran, " 12 "	Nil	Weather—hot with easterly wind. Harvesting of <i>oasena</i> will shortly commence. Rain wanted for <i>Bhadai</i> sowings and indigo. Sporadic cases of small-pox and cholera reported from the mofussil; otherwise public health good.
	32 Champarn, " 12 "	Nil	Weather—hot and cloudy with easterly wind. Lands for <i>Bhadai</i> sowings being prepared. A few cases of small-pox and fever reported. Prices stationary.
BRACULON DIST.	33 Monghyr, June 12 '86	0.74	Weather—hot and sultry. Lands being prepared for <i>Bhadai</i> crops. Sowing of <i>makoi</i> commenced at Begusarai, and that of early paddy nearly completed.
	Begusarai	0.02	Public health good, but sporadic cases of small-pox continue to be reported from Begusarai. Prices stationary.
	Jamui	0.60	
	34 Bangulpore, " 12 "	1.96	Weather—sultry. Prospects of crops good. A severe storm on 6th further damaged mango crop which is already poor. Sporadic cholera in north. Prices easy.
	35 Purneah	2.72	Local showers reduce temperature, which is otherwise high. All crops doing well.
	Kissengunge	1.54	Rain very beneficial.
	36 Maidah, " 12 "	1.35	Weather—cloudy, rainfall scanty; very hot and oppressive. <i>Bhadai</i> paddy and other crops doing well, and broadcast <i>oasena</i> paddy germinating. Common rice selling at an average of 20 seers per rupee. Public health good.
ORISSA.	37 Bonthal Parghs., " 12 "	0.89	Weather—very hot and rainy. Heavy rain fell on 12th. Ploughing and sowing in full progress. Prices stationary. General health good.
	Deoghur	0.48	
	Pakour	2.36	
		1.83	
ORISSA.	38 Cuttack, June 11 '86	0.63	Weather—hot and cloudy. Rice being sown. Ploughing in progress in some places. Cotton flowering. Sugarcane growing well. Public health generally good; only a few cases of cholera reported from the interior. Price of rice a little higher.
	39 Pooree, " 10 "	0.20	Weather—occasionally cloudy. Early rice has sprung. Sowing of <i>sarad</i> crop going on. <i>Dalca</i> being harvested. Relief works going on in Chulka tracts. Common rice sells at an average of 19 seers 15 chittacks per rupee in Sudder sub-division, and 17 seers 11 chittacks in Khordah sub-division. Cases of cholera reported from the mofussil.
	40 Balasore, " 11 "	0.48	Weather—close and sultry. Ploughing in progress. Public health generally good with the exception of a few cases of cholera and fever here and there.
CHOTA NAGPORE.			
<i>South-West Frontier Agency.</i>			
41	Hasaribagh, June 12 '86	Nil	Weather—bright and very hot. Ploughing and sowing still progressing. General health good.
42	Loharungga, " 12 "	0.12	Weather—seasonable; warm. Some rain during week. Cultivation progressing. Early paddy being sown. Prices stationary. Public health good. A few cases of cholera in Palatuow sub-division.
43	Singbhoom, " 11 "	0.27	Weather—hot; only two storms during week. Ploughing and sowing being carried on. Public health good.
44	Manbhoom, " 12 "	Nil	Weather—warm and sultry. Cloudy at times, but no rain, during latter part of week. Ploughing and sowing of rice lands progressing, also of maize. Excepting a few cases of cholera, public health good.
	Gorindpore	0.43	

Published for general information.

CALCUTTA, REVENUE DEPT.;
The 15th June 1886.P. NOLAN,
Offg. Secy. to the Govt. of Bengal.

Results of the Meteorological Observations taken at the Alipore Observatory from 6th to 12th June 1886.

Month.	Date.	Mercury in sun.	Number of hours of bright sunshine.	Mean pressure barometer at 55° Fahr.	TEMPERATURE.				HYGROMETRY.				WIND.		Miles recorded.	Hum.	WEATHER.
					Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.	Prevailing direction.				
June	6th	155.7	9.9	29.610	86.9	97.3	10.4	80.8	61.6	0.978	78.6	73	SE and SSW		90	Nil	Partially cloudy.
"	7th	157.6	6.7	29.61	86.7	97.1	10.4	79.7	61.7	0.991	78.9	74	SSW and S		89	"	Chiefly cloudy.
"	8th	153.5	8.0	29.593	84.7	95.6	10.9	80.1	79.2	0.913	76.6	70	SW by W and variable		128	0.17	Chiefly cloudy. c, s, t, d, p. <
"	9th	157.0	0.6	29.628	82.8	90.5	7.7	76.1	78.6	0.982	77.1	74	SSE and S by W		71	Not measurable.	Chiefly cloudy. c, t, d.
"	10th	161.6	3.3	29.606	85.4	91.6	6.2	77.0	79.8	0.943	77.4	76	SSE and ESE		101	NE	Chiefly cloudy.
"	11th	160.3	6.4	29.623	87.1	96.6	9.5	78.6	80.5	0.963	77.8	75	SE by E and NW		66	"	Chiefly cloudy.
"	12th	153.6	3.1	29.589	88.6	96.6	8.0	79.3	82.3	1.019	79.8	77	SSE and variable		61	"	Chiefly cloudy. ⊕.

The mean pressure of the seven days

The average pressure of the corresponding period for 24 years, S. G.'s Office

The total number of hours of bright sunshine

The maximum possible number of hours of sunshine

The mean temperature of the seven days

The average temperature of the corresponding period for 24 years, S. G.'s Office

The extreme variation of temperature

The maximum temperature

The highest velocity of the wind in one hour

The highest pressure of wind on one square foot

The mean relative humidity

The average relative humidity of the corresponding period for 24 years, S. G.'s Office

The total fall of rain from 6th June to 12th June 1886

The average fall of the corresponding period for 24 years, S. G.'s Office

The total fall from 1st January to 12th June 1886

The average fall of the corresponding period for 24 years, S. G.'s Office

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph. The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the New Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard Newman's No 86, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

c overcast, g gloomy, t thunder, d drizzling rain, p passing temporary showers, < lightning, ⊕ solar corona.

A. PEDLER,

For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA;
Calcutta, the 14th June 1886.

Meteorological Report of the Province of

METEOROLOGICAL DIVISION.	DISTRICT.	Representative stations.	STATION OBSERVATIONS.													
			AIR PRESSURE.					TEMPERATURE.					HUMIDITY.		CLOUD.	
			Highest, 10 A.M., barometer reading of month.	Lowest, 10 A.M., barometer reading of month.	Mean, 10 A.M., for month.	Mean reduced to sea-level.	Variation from normal mean.	Highest of month.	Lowest of month.	Mean daily maximum temperature.	Mean daily minimum temperature.	Mean daily temperature.	Variation from normal mean.	Mean, 10 A.M., humidity.	Variation from normal mean.	Mean amount, 10 A.M., from normal mean.
CENTRAL.	Pooree	Gopalpore	29.843	29.810	29.741	29.791	—	82.8	78.8	87.8	80.6	84.3	—	78	—	2.7
		False Point	29.882	29.816	29.764	29.786	+0.54	81.8	71.6	80.8	70.0	84.8	-0.7	76	-7	5.4
	Cuttack	Cuttack	29.780	29.554	29.782	29.761	+0.23	100.4	71.8	101.4	77.1	80.3	-1.3	86	-6	4.3
	Balasore	Balasore	29.824	29.592	29.784	29.783	—	101.4	69.4	92.9	78.7	84.8	—	70	—	2.9
SOUTH-WEST BUREAU.	South-West Midnapore and South 24 Pargunnahs.	Saugor Island	29.837	29.614	29.783	29.779	-0.16	83.2	71.5	91.5	81.4	80.3	+1.0	74	-2	6.0
	Midnapore	Midnapore	29.714	29.490	29.618	29.709	—	108.4	67.2	97.4	77.0	87.2	—	59	—	3.8
	24 Pargunnahs, Howrah, and Hooghly.	Calcutta	29.848	29.630	29.785	29.770	+0.17	100.2	68.2	93.7	76.8	85.3	0	86	-11	4.1
	Burdwan	Burdwan	29.776	29.551	29.674	29.774	+0.31	108.2	66.9	96.3	76.8	80.0	-0.6	84	-3	2.6
EAST BUREAU.	Bankoorah	Bankoorah	29.840	29.304	29.643	—	—	106.1	69.6	99.3	72.8	87.5	—	85	—	2.3
	West Burdwan and Beerbhoom.	Ranigunj	29.627	29.308	29.480	—	—	109.0	67.0	98.4	76.8	87.0	—	—	—	2.9
	Mooredahabad	Berhampore	29.807	29.520	29.712	29.779	+0.48	103.7	69.2	94.3	75.9	85.1	-2.3	70	-1	5.4
	Nuddea	Krishnagar	29.818	29.600	29.726	—	—	102.8	65.8	94.7	74.7	84.7	—	87	—	4.5
NORTH BUREAU.	Jessore and Khoolna	Jessore	29.840	29.631	29.762	29.786	+0.40	101.3	68.5	94.5	76.2	85.4	0	71	-4	7.2
	Chittagong	Chittagong	29.881	29.629	29.763	29.832	+0.23	81.2	68.8	87.9	74.7	81.3	-1.0	78	-4	6.7
	Chittagong Hill Tracts	Demagiri	—	—	—	—	—	—	—	—	—	—	—	—	—	—
	Backergunij	Barrisal	29.887	29.653	29.792	29.804	—	85.3	68.9	90.9	75.3	83.1	—	73	—	5.0
SOUTH BUREAU.	Noakholly	Noakholly	29.840	29.646	29.767	29.810	—	84.0	69.3	86.7	75.1	81.9	—	74	—	5.4
	Furreedpore	Furreedpore	29.846	29.640	29.750	—	—	86.6	63.5	81.5	74.0	82.8	—	76	—	1.3
	Dacca	Dacca	29.858	29.659	29.784	29.807	+0.56	80.2	69.1	81.0	75.2	83.3	-0.2	73	-7	4.6
	Tippurah	Comillah	29.855	29.603	29.778	29.813	—	87.4	67.8	91.2	73.0	82.6	—	75	—	4.4
SOUTH BUREAU.	Mymensingh	Mymensingh	29.830	29.625	29.744	—	—	86.6	66.6	88.3	73.3	80.8	—	73	—	5.9
	Bogra	Bogra	29.835	29.590	29.719	29.782	—	101.3	64.4	92.0	73.3	82.7	—	70	—	4.8
	Pubna	Soraigunj	29.840	29.618	29.749	29.795	—	100.1	66.7	92.8	75.1	85.0	—	74	—	5.4
	Rajshahye	Rampore Beaulah.	29.833	29.595	29.707	29.777	—	102.4	67.7	90.7	71.9	81.5	—	76	—	2.6
SOUTH BUREAU.	Maldah	Maldah	29.785	29.444	29.671	—	—	86.9	68.3	91.5	73.2	81.9	—	78	—	1.6
	Dinagore	Dinagore	29.804	29.593	29.693	29.805	—	101.6	68.2	91.5	71.7	82.1	—	76	—	4.5
	Rungpore	Rungpore	29.803	29.559	29.684	29.810	—	90.8	64.1	88.8	69.0	79.2	—	76	—	5.8
	Jalpigoree and Cooch Behar.	Jalpigoree	29.618	29.378	29.514	29.804	—	94.9	65.0	83.0	70.1	79.1	—	69	—	5.3
SOUTH BUREAU.	Darjeeling Hill Tracts	Darjeeling	29.087	22.683	22.979	—	+0.31	86.0	42.7	63.0	50.5	56.3	+1.3	89	+3	8.0
	Furness and North Bhagulpore.	Furness	29.737	29.520	29.657	29.782	+0.30	105.2	—	96.2	—	—	—	82	-2	2.7
	Mozafferpore	Mozafferpore	—	—	—	—	—	Observations not taken.								—
	Durbhunga	Durbhunga	29.706	29.471	29.606	29.773	+0.42	101.9	64.4	94.3	75.8	86.0	-0.4	70	+3	2.7
SOUTH BUREAU.	Chumparam	Motihari	29.670	29.368	29.529	29.750	—	102.8	61.8	94.2	73.0	83.6	—	80	—	2.9
	Baran	Chupra	29.680	29.438	29.615	—	—	100.0	60.1	99.4	75.8	87.2	—	80	—	2.4
	Shahabad	Dehree	29.598	29.274	29.391	29.739	—	104.5	61.0	94.1	72.5	83.3	—	42	—	1.6
		Bulhar	29.606	29.386	29.495	29.723	—	107.4	62.8	100.0	77.5	88.8	—	44	—	2.1
SOUTH BUREAU.		Arrah	29.607	29.418	29.530	29.716	—	107.4	60.7	99.1	77.1	88.1	—	53	—	2.6
	Gya	Gya	29.435	29.139	29.343	29.714	+0.07	100.6	66.7	101.7	73.8	87.8	-3.2	44	-5	8.9
	Patna	Bankipore	29.663	29.457	29.576	29.758	+0.46	107.0	60.8	98.2	76.9	87.6	-1.5	53	+2	3.6
	South Bhagulpore and Monghyr.	Bhagulpore	29.662	29.460	29.554	29.740	—	101.4	60.5	90.1	76.0	86.0	—	59	—	2.7
CENTRAL.	Southal Pargunnahs	Naya Doonka	29.570	29.123	29.226	—	—	103.5	68.4	95.6	74.3	89.0	—	79	—	2.0
	Hazratbagh	Hazratbagh	27.812	27.659	27.760	29.781	+0.040	104.6	67.7	93.8	73.8	84.8	-1.3	43	0	4.2
	Loharogga and Manbhoom.	Kanchow	27.737	27.544	27.640	29.729	—	103.1	68.9	95.7	71.0	83.9	—	51	—	2.3
	Mughroom	Chaubassa	29.568	29.350	29.480	—	—	108.1	70.4	100.5	77.2	89.0	—	80	—	2.0

Bengal for the month of May 1886.

DISTRICT OBSERVATIONS.											Representative stations.	DISTRICT.	METEOROLOGICAL DIVISION.
RAINFALL.													
Of month.					Since 15th May 1886.								
Mean of district.	Normal mean.	Variation from mean.	Number of rainy days.	Normal mean number of rainy days.	Mean of district.	Normal mean.	Variation.	Mean number of rainy days.	Normal mean number of rainy days.				
371	2.87	+0.86	8.5	8.3	2.64	1.46	+1.18	3.6	3.3	Gopalpore	Pooree	ORISSA.	
334	3.37	+0.17	7.8	8.3	2.64	1.82	+0.82	5.0	3.6	Palee Point	...		
334	4.36	+1.00	8.3	8.0	2.42	3.10	+0.82	3.2	4.3	Cuttack	Cuttack		
470	5.07	-0.28	6.7	8.2	0.80	2.34	-1.45	2.7	4.2	Balasore	Balasore		
1.80	4.89	+2.81	9.0	7.6	1.53	1.99	-0.46	4.3	2.8	Saugor Island	South-West Midnapore and South 24-Pergunnahs.	SOUTH-WEST BENGAL.	
1.54	5.51	+2.03	8.0	9.6	3.22	2.58	+0.77	4.8	5.0	Midnapore	Midnapore		
10.63	4.37	+5.00	11.0	8.1	4.05	3.18	+1.83	5.7	4.2	Calcutta	24-Pergunnahs, Howrah, and Hooghly.		
3.05	3.67	+0.68	9.8	7.3	4.61	1.63	+2.98	6.8	3.4	Burdwan	Burdwan		
3.89	3.06	+0.83	9.3	7.6	2.91	1.84	+1.27	5.8	4.1	Bankoorah	Bankoorah	SOUTH-WEST BENGAL.	
5.79	4.80	+0.49	11.9	6.0	3.84	2.57	+1.27	7.7	4.3	Ranigunj	West Burdwan and Beerbhoom.		
10.94	5.20	+4.98	11.8	8.3	5.78	3.21	+2.57	6.8	4.9	Berhampore	Mooredabad		
11.61	5.64	+0.67	11.8	10.6	2.39	3.23	+0.19	6.7	5.5	Krishnagar	Nadua		
9.83	10.17	-0.84	14.3	12.1	5.56	5.66	+0.10	6.5	6.0	Jessore	Jessore and Khoolna	SOUTH BENGAL.	
9.82	9.70	-0.08	16.0	16.6	4.74	4.13	+0.61	8.5	6.2	Chittagong	Chittagong		
10.21	7.46	+2.61	14.3	12.4	6.31	3.83	+2.48	9.5	6.1	Demagiri	Chittagong Hill Tracts		
9.42	10.07	-1.35	12.0	13.6	2.54	0.30	+2.24	5.0	6.3	Harrissal	Hackerghanj		
12.30	8.50	+2.71	13.0	11.6	5.37	4.43	+1.44	9.0	6.9	Noakhully	Noakhully	SOUTH BENGAL.	
10.08	9.34	+0.81	15.0	12.3	5.54	3.75	+1.80	7.3	5.9	Furriedpore	Furriedpore		
12.45	10.83	+1.68	14.0	13.7	4.06	4.63	-0.55	6.2	5.9	Dacca	Dacca		
5.48	9.91	-1.43	13.6	13.4	3.78	4.06	-1.28	6.3	6.7	Commillah	Tipperah		
9.80	7.50	+2.30	9.8	10.8	7.71	3.93	+3.78	8.9	6.2	Mymensingh	Mymensingh	SOUTH BENGAL.	
7.50	7.29	+0.20	13.0	10.7	5.41	3.82	+1.59	6.5	5.2	Bogra	Bogra		
5.89	5.97	+0.92	10.0	8.1	6.44	3.63	+1.61	7.9	4.7	Berajgunj	Pubna		
3.67	4.15	-0.48	15.0	7.4	2.85	2.21	+0.54	6.3	4.7	Rampore Beaulieu	Rajahmundry		
8.17	4.05	+3.92	10.9	7.2	6.93	2.64	+4.29	6.4	3.7	Maldah	Maldah	SOUTH BENGAL.	
15.64	10.42	+5.22	13.0	12.3	11.87	6.53	+5.32	9.0	3.6	Dinapore	Dinapore		
10.60	15.83	-5.17	13.0	15.7	5.71	9.94	-3.25	9.3	6.4	Rangpore	Rangpore		
8.71	9.79	-0.68	13.0	16.5	6.49	6.45	-0.19	5.8	5.4	Jalpigoree	Jalpigoree and Cooch Behar.		
6.16	4.05	+2.11	9.4	6.4	5.23	3.02	+2.21	6.0	4.7	Darjeeling	Darjeeling Hill Tracts	SOUTH BENGAL.	
5.50	2.12	+1.38	5.3	4.1	2.85	0.34	+1.59	3.3	2.8	Purneah	Purneah and North Bhagulpore.		
4.94	3.36	+1.58	4.3	4.3	1.16	1.10	+0.06	2.3	1.8	Moruffepore	Moruffepore		
4.46	3.45	+1.01	7.5	4.4	2.37	1.23	+1.14	3.5	1.7	Burhhunga	Burhhunga		
3.19	1.83	+1.36	6.0	3.2	2.65	0.71	+1.94	3.3	2.0	Motihari	Chumpanum	SOUTH BENGAL.	
1.45	1.01	+0.04	3.3	1.8	0.71	0.46	+0.25	2.3	1.3	Chupra	Sarun		
1.31	1.03	+0.29	4.3	3.1	1.70	1.06	+0.63	3.5	1.5	Dehree	...		
1.64	1.76	-0.12	3.3	3.4	1.16	1.05	+0.10	2.8	1.0	Buxar	Shahabad		
3.01	2.03	+0.98	3.4	4.0	2.28	1.19	+1.09	3.6	1.0	Arrah	Gya	SOUTH BENGAL.	
5.23	2.33	+2.90	9.1	5.7	3.62	1.62	+2.00	6.9	1.7	Gya	Patna		
2.35	2.35	—	5.5	5.5	0.94	0.94	—	—	2.3	Bankipore	Bankipore		
3.03	3.19	+0.84	6.8	5.9	2.42	1.23	+1.19	5.3	2.3	Bhagulpore	South Bhagulpore and Monahyr.		
3.23	2.33	+0.90	9.1	5.7	3.62	1.62	+2.00	6.9	2.9	Naya Deonka	South Bhagulpore	SOUTH BENGAL.	
3.03	3.19	+0.84	6.8	5.9	2.42	1.23	+1.19	5.3	2.5	Hazaribagh	Hazaribagh		
3.23	3.19	+0.84	6.8	5.9	2.42	1.23	+1.19	5.3	3.2	Ranchi	Lohardugga and Manbhoom.	SOUTH BENGAL.	
3.23	3.19	+0.84	6.8	5.9	2.42	1.23	+1.19	5.3	4.3	Chaibasan	Singbhoon		

Table of Rainfall recorded at Stuttgart

[illegible]

Bengal in May 1886.

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Number of rainy days.	Average number of rainy days.	Total rainfall for the month.	Average rainfall for the month.	Highest rainfall during the month.	Total rainfall from 1st January 1886 up to 31st May 1886.	Average rainfall from 1st January 1886 up to 31st May 1886.	Station.	District.	Meteorological division.	
			0.32		0.01					0.08																					6	5.3	3.37	2.62	2.98	5.14	5.49	Pooree.	Pooree	ORISSA.	
			0.06																												10	7.8	0.85	3.24	2.75	7.8	6.17	Khurda.			
			0.34																												8	5.0	0.86	3.20	0.50	5.33	5.44	Bampur.			
																														8	6.1	4.74	3.24	2.40	8.04	8.12	Patna Point.				
			0.09							0.40																				4	0.5	0.55	?	0.40	3.08	?	Gov.				
																														4	Nil	?	?	?	2.90	?	Pipli.				
			0.07							0.50	0.37																				8	4.8	1.51	2.80	0.50	4.36	5.04	Jagatsingpora.	Orissa.		
			0.06							0.05	0.18	0.11																			10	5.3	3.67	2.5	1.90	10.21	6.64	Banki.			
										0.76	0.75	1.40																			0	8.0	5.84	3.23	1.50	11.70	6.70	Orissa.			
			0.40							0.06	0.30																				7	6.1	4.26	8.78	1.00	7.56	8.85	Kondupara.			
			0.30								0.35																					0	7.7	2.52	4.04	0.00	5.84	5.86	Jagann.		
										0.20		2.50	0.22																		6	5	5.10	?	2.30	11.8	?	Dharmadla.			
																																?	?	?	?	?	?	?	Sidipora.		
			0.60							1.16	0.04																				10	7.8	5.06	4.39	1.76	19.07	8.20	Chandbali.	Malabar.		
			0.50							1.86																						8	8.2	8.78	4.78	2.00	15.5	9.57	Khudrak.		
																																0	8.5	0.47	4.00	1.00	10.5	8.98	Sorn.		
																																0	0.0	5.70	4.63	1.04	12.95	11.45	Malabar.		
																																7	8.0	3.09	3.12	1.35	7.11	7.50	Arilacore.		
																																9	10.7	0.53	4.65	1.34	9.04	8.32	Baripada.		
																																5	6.3	4.20	4.43	1.07	9.04	8.85	Chitai.	Madras.	SOUTH-WEST BENGAL.
																																7	8.7	3.55	4.58	0.50	10.14	8.68	Sagar Island.		
																																11	8.5	7.30	4.07	3.50	10.46	10.7	Tinnak.		
																																8	8.8	7.51	5.28	2.74	8.33	8.75	Mudrapore.		
																																4	?	8.37	?	2.51	8.27	?	Chitai.		
																																8	?	6.10	?	1.70	8.50	?	Freng.		
																																9	?	10.04	?	3.05	12.61	?	Haris.		
																																8	?	7.34	6.55	2.67	11.44	10.07	Rhodocampore.		
																																8	?	?	?	?	?	?	Garbeta.		
																																6	9.8	0.34	5.24	2.25	10.51	11.24	Diamond Har.	21-Perquash.	
																																13	?	8.50	?	2.44	12.16	?	Caning Tron.		
																																8	10.2	7.79	5.31	4.33	11.75	10.74	Shipore Jan.		
																																5	8.4	0.11	5.10	2.30	9.32	10.14	Barrackpore.		
																																7	9.8	7.42	6.71	3.00	10.42	10.71	Dum-Dum.		
																																6	9.9	0.61	6.11	1.04	10.91	11.01	Karak.		
																																12	10.2	11.34	0.50	3.30	10.78	12.47	Gusehat.		
																																11	9.3	8.61	4.88	4.89	11.94	10.86	Howrah.	Howrah.	
																																9	9.8	7.34	0.67	4.15	10.37	10.93	Mohoreka.		
																																10	10.3	0.37	4.35	2.25	9.01	9.78	(Golokpurah).		
																																7	9.4	8.58	5.85	2.74	12.15	12.17	Serampore.		
																																7	8.7	8.63	5.13	1.65	10.91	9.83	Hooghly.	Hooghly.	
																																13	8.9	10.89	4.72	3.40	10.33	9.94	Johannabad.		
																																11	9.6	8.00	4.97	4.35	10.69	9.88	Chinn.		
																																9	7.7	11.50	4.76	3.50	10.69	9.35	Hardwan.	Hardwan.	
																																5	?	0.40	?	2.18	13.39	?	Chitwa.		
																																11	7.4	8.33	3.06	1.27	6.12	6.51	Manikp.		
																																11	7.4	8.33	3.06	1.27	6.12	6.51	Kanegunge.		
																																9	8.0	5.16	5.40	1.53	9.39	7.89	Bankora.	Bankora.	
																																11	8.0	8.05	5.41	2.33	12.31	9.15	Bhikopore.		
																																7	7.5	5.34	3.87	1.91	8.13	6.34	Malura.		
																																12	5.0	4.13	3.15	0.97	6.50	5.85	Khaura.		
																																0	?	7.57	?	2.11	11.05	?	Indra.		
																																5	?	4.72	?	2.06	9.10	?	Kotulpore.		
																																5	?	2.80	?	1.00	8.17	?	Anda.		
																																0	?	5.16	?	2.00	7.38	?	Ganrajghati.		
																																15	?	8.94	3.04	1.23	9.00	7.15	Kaipore.		
																																8	?	5.19	?	1.43	7.01	?	Sonamukhi.		
																																8	8.3	4.35	3.90	2.05	6.02	5.87	Ill. Sooty.	Beachcom.	

Table of Rainfall recorded at Stations

Meteorological division.	District.	Station.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
EAST BENGAL— —conold.	Noakhally— —conold.	Harishchore (Bomby)	...	1.00	1.01	0.90
		Rangpur	0.85	0.81	0.40	0.41	0.31	0.03	1.01	...	0.89
		Furzedpore	1.48	0.12	0.43	0.97	...	1.72	...	0.13	...	0.23	0.71	...
		Goshmura	...	1.77	...	0.80	1.05	1.26	1.54	1.18	0.60	0.46	0.14	...
	Dacca	Munshiganj	0.16	0.46	1.50	...	2.40	0.40	0.80	0.18	...
		Dacca	0.33	0.42	0.35	0.15	0.90	0.70	1.25	0.30	0.50	0.53
		Narayanganj	0.51	...	0.81	0.11	0.54	0.46	1.60	...	0.51	0.91
		Masriganj	0.41	0.03	0.92	0.70	0.52	0.19	1.46	0.98	1.46	0.07	...
	Hill Tipperah	Saidpur	0.78	...	0.43	0.88	0.56	0.50	0.31	1.57	0.06	...
		Saidpur	...	0.22	0.08	...	0.23	0.68	0.14	0.46	0.64	0.60	0.01	0.84	0.19	...
Agartala		...	...	0.90	...	0.96	3.33	...	...	...	...	1.28	0.76	0.47	...	0.06	...	...	...	...
Tipperah		...	...	0.04	0.25	1.21	1.91	...	...	...	0.85	0.31	1.64	1.00	...	0.23	...	...	0.15	...
North Bengal	Comilla	Chandpur	1.70	0.70	0.10	1.60	...	2.00	...	1.80	0.16
		Barisal	1.46	0.25	0.80	0.10	0.90	1.82	0.32	0.10
		Ramchandrapore	1.12	...	0.22	1.40	1.15	0.32	1.40	0.43	...	0.25	...	0.50
		Narainagar	1.64	0.35	2.74	2.76	0.24	1.04
	Mymensingh	Paikandi	0.30	0.14	0.23	0.84	0.50	...	1.10	0.75	...	0.92
		Asan	0.25	0.30	0.42	4.32	0.72	0.92	1.02	0.87	...
		Lakshmi	0.42	1.61	0.62	0.35	1.22	...	0.50
		Kishoreganj	2.17	1.62	0.90	0.00	...	1.01
	Pubna	Atul (Tangail)	0.16	0.21	1.62	0.90	...	0.41	0.70	0.21	...
		Mymensingh	0.25	0.38	0.03	0.38	2.08	0.01	0.02	...	1.40	0.10	0.80
Jamshedi		...	...	...	...	0.40	...	...	...	...	...	2.00	0.98	0.06	...	...	...	0.80	...	...
Netrakona		...	...	0.33	0.33	2.80	2.70	...	...	...	0.30	...	0.50	0.47	...	...	...	0.84	0.61	...
Rangpur	Subarnachally	...	...	...	...	0.80	...	...	...	...	...	0.79	0.44	0.65	...	...	...	...	...	...
	Deccanagar	...	...	0.55	0.39	0.46	0.87	...	...	...	...	...	0.63	0.12	...	...	...	0.81	...	...
	Pubna	...	...	0.07	0.45	0.19	...	...	0.90	0.26	...	0.54	0.72	...	...	...	0.32	1.35	...	...
	Serajganj	...	...	...	0.76	...	0.00	...	...	...	...	0.46	0.07	...	...	...	0.23	0.94	...	...
Rajshahi	Barpeta	...	...	...	...	...	...	...	...	...	...	0.45	0.03	...	...	...	...	...	...	...
	Nowshilla	...	...	...	0.42	...	0.02	...	...	...	1.79	...	0.02	0.07	...	...	...	0.73	...	...
	Boara	...	...	...	0.40	...	...	...	...	...	0.90	...	1.55	0.14	...	...	...	1.20	...	...
	Panchbibi	0.10	...	0.10	...	...	...	...	...	0.82	0.12	...	1.31	0.41	...	...	...	0.64	...	...
Maldah	Benziah	...	...	...	0.09	...	...	...	...	...	1.00	...	...	0.70	0.17	...	...	1.00	0.00	0.38
	Natore	...	...	...	0.96	...	...	...	...	...	...	1.60	...	...	...	...	...	1.60	...	...
	Nasirpur	...	...	...	...	...	...	...	0.17	...	...	1.01	0.25	...	...	...	0.66	...	...	...
	Lalpur	...	...	...	1.10	...	...	...	0.40	...	...	1.15	0.19	...	...	...	1.78	...	0.13	...
Dinajpur	Handa	...	...	...	0.18	...	...	...	0.17	...	...	2.00	0.22	...	...	...	...	1.10	...	0.11
	Maldah	...	...	...	...	...	...	...	...	...	...	...	...	0.32	0.05	...	...	...	...	...
	Chanchal	...	...	...	...	...	...	...	0.22	0.07	...	...	...	0.09	...	...	...	1.00	...	...
	Dagol	...	...	...	...	...	...	...	0.38	...	...	...	...	0.42	...	...	...	1.22	...	...
Banspur	Silghur	...	...	...	0.39	...	...	...	...	...	...	...	...	0.42	0.75	...	...	0.19	0.21	...
	Mohadhpore	...	...	...	0.07	...	...	...	...	0.07	...	0.23	1.40	...	0.86	...	...	0.67	...	...
	Burman	...	...	...	...	...	...	...	...	...	...	...	...	...	0.12	...	0.62	0.04	...	...
	Rangpur	...	0.04	...	...	...	...	...	0.25	...	...	...	...	...	0.12	...	...	0.74	...	...
Banspur	Dinajpur	...	0.03	0.16	...	0.21	...	...	...	0.38	0.07	...	...	...	0.21	...	...	2.03	...	...
	Baluchhat	...	...	...	...	0.11	...	...	...	...	0.26	...	1.14	...	0.34	...	...	1.78	...	...
	Bhawanipur	...	...	0.62	0.36	0.12	0.46	...	...	...	0.32	...	...	0.25	0.82	...	...	1.50	...	...
	Gyabanda	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
Jalpaiguri	Kamarpur	...	...	0.46	0.22	...	0.59	0.15	...	0.06	...	...	...	0.10	...	...	...	1.01	...	...
	Kamarpur	...	...	1.36	1.00	1.40	0.00	0.72	...	0.18	...	...	...	0.62	0.50	...	...	0.50	...	...
	Rangpur	...	...	0.14	0.46	...	0.36	...	...	...	0.56	0.22	...	0.41	0.10	...	...	1.90	...	...
	Ulipora	...	0.01	0.50	...	0.76	1.00	...	...	...	...	...	...	0.20	0.68	...	...	1.25	...	...
Cooch Behar	Jalpaiguri	...	...	0.21	0.47	0.74	...	...	0.15	0.11	...	1.44	...	0.22	...	...	...	0.84	...	...
	Alipore	...	...	0.66	0.83	2.42	1.11	...	...	0.16	...	0.30	0.61	0.50	...	...	...	0.08	...	...
	Fulchilla	...	...	0.11	0.29	3.26	0.67	...	...	...	0.13	...	1.00	...	...	...	...	...	...	...
	Dumkhat	...	...	0.45	1.22	1.12	0.53	0.11	...	...	0.82	...	...	0.32	...	...	...	0.16	...	...
Dumkhat	Udail Behar	...	...	0.05	1.20	2.37	0.72	...	...	0.05	0.15	...	0.46	0.25	0.16	...	...	...	...	...
	Mukhigunge	...	...	0.84	0.61	0.73	0.63	...	...	0.45	...	...	0.25	0.15	0.09	...	...	0.07	...	...
	Masbanga	...	...	0.19	0.80	1.30	0.16	...	...	0.30	0.14	...	0.74	0.06	0.07	...	...	0.49	...	...
	Buxa	...	...	0.20	0.22	3.28	0.88	...	...	...	...	0.44	3.07	...	...	...	...	...	...	...
Dumkhat	Silghur	...	...	0.25	...	0.08	0.48	...	...	...	0.41	...	...	0.28	...	0.17	...	...	...	...
	Silghur	...	...	1.04	0.05	...	...	...	...	...	...	...	0.31	1.31	1.29	...	...	...	...	...
	Kalimpong	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Kalimpong	...	...	0.04	...	0.02	0.08	...	...	...	...	...	...	1.60	1.97	...	...	...	...	...
North Bengal	Kalimpong	...	...	0.45	...	0.21	...	...	...	...	...	...	0.35	0.18	...	...	...	1.01	...	...
	Arach	...	...	...	...	0.29	...	...	...	...	...	...	...	0.19	...	...	...	1.80	...	...
	Arach	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.03	...	...
	Chandhara	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
North Bengal	Chandhara	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.23	...	0.81
	Chandhara	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.30	...	...
	Maharaj	...	...	0.05	...	0.58	...	...	...	...	...	...	...	0.40	...	...	...	1.20	...	...
	Kalimpong	...	...	...	...	...	...	...	...	...	...	...	...	0.40	...	...	...	...	...	...
North Bengal	Maharaj	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Maharaj	...	...	0.40	...	...	...	...	...	...	...	...	...	0.16	...	...	...	1.05	...	...
	Maharaj	0.22	...	0.02	0.08	1.29	
	Protogunf	...	0.40	0.75	0.25	
North Bengal	Maharaj	
	Maharaj	
	Maharaj							

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Table of Rainfall recorded at Station

Meteorological division.	District.	Station.	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19
SOUTH BENGAL	Shahabad	Buxar	...	...	...	...	...	0.74	...	...	...	...	...	...	0.24	...	...	0.20	...	...	...
		Bahraich	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Bhuthooch	0.40	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.14	...	...	...
		Banarman	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.20	...	...	...
	Oya	Arrah	...	...	...	...	...	...	...	...	...	...	...	...	0.70	...	...	...	...	...	...
		Mohaniah	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Aurangabad	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	0.08	...	...	...
		Gya	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Nowadah	...	0.08	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Johannabad	...	0.10	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Arwal	...	...	...	...	...	...	...	...	...	...	...	...	0.19	...	...	...	...	...	...
		Daudnagar	...	...	...	...	...	...	...	...	...	...	...	...	1.40	...	...	...	...	...	...
		Sherrghati	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Rajauli	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	Patna	Pakri Bara	...	0.15	...	...	...	...	...	...	...	...	...	...	0.35	...	...	...	...	...	...
	
	Patna	Patna	...	...	...	...	...	...	...	...	...	...	...	...	0.74	...	...	...	...	...	...
		Lunapore	...	...	...	...	...	...	...	...	...	...	...	...	0.67	...	...	...	...	...	...
		Behar	...	...	...	...	...	...	...	...	...	...	...	...	0.18	...	...	...	...	...	...
	Monghyr	Barra	...	...	...	...	...	...	...	...	...	...	...	...	0.40	...	...	...	...	...	...
		Hogoonerai	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
		Monghyr	...	...	...	...	...	...	...	...	...	...	...	...	0.06	...	...	...	...	...	...
		Jamun	...	0.18	...	...	...	...	...	...	...	...	...	...	0.04	...	...	...	...	...	...
		Gyara	...	...	...	...	...	...	...	...	...	...	...	...	0.01	...	...	...	...	...	...
CENTRAL INDIA	South Bhagalpore.	Chackpara	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
	
	
	South Bhagalpore.	Bhagalpore	...	0.23	...	...	...	...	...	...	...	...	...	...	0.35	...	...	...	...	...	...
		Bansa	...	...	...	...	...	...	...	...	...	...	...	...	0.30	...	...	...	...	...	...
		Kulung	...	...	...	...	...	...	...	...	...	...	...	...	0.10	...	...	...	...	...	...

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	524
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Offg. Meteorological Reporter to the Govt. of Bengal.

METEOROLOGICAL AND RAINFALL SUMMARY OF THE PROVINCE OF BENGAL FOR THE MONTH OF MAY 1886.

THE normal meteorological conditions in Bengal during May are to a considerable extent similar to those of April. There is the steady and increasing difference of temperature between the land and the sea area, and in this month this difference attains almost its maximum. The area of maximum temperature during May includes the western districts of South Behar, the North-West Provinces, Rajputana and Central India. With the increasing temperature of the land surface, the southerly winds blowing from the Bay of Bengal strengthen considerably, and owing to the physical obstacles of the hill systems to the east and north of Bengal, they appear as south-easterly winds in East Bengal, and as easterly winds in North Bengal. At the same time, however, the usual hot, dry westerly winds are blowing over considerable portions of Behar and Chutia Nagpur, and thus during May, as explained in previous monthly reports, conditions are favourable to the production of the local storms called nor'westers. These, it is probable, are produced by the action of the opposing winds in elevating the moist sea breezes, and by this ascensional motion their water vapour is condensed, and sufficient energy is at the same time liberated to produce the well known effects of these storms.

The southerly breezes which blow during this month at the head of the Bay are of considerable strength, and in fact, at Saugor Island and False Point, the wind velocities measured in May are generally greater than those during the actual rainy season, but there is reason to believe that during May the current is of comparatively small depth compared to what it is during the actual monsoon period. These winds, however, carry considerable amounts of moisture into East and North Bengal, and in the neighbourhood of the hills ascensional movement takes place, followed frequently by local storms and by heavy rainfall. This action will account for the large rainfall which occurs during this month in the northern and eastern districts of the Province.

During May the distribution of the normal rainfall is simple, and the lines of equal rainfall run nearly north and south through the Province, or rather almost parallel to a line joining the Chittagong Hill Tracts, the Tipperah Hills, the Garo Hills, and the Darjeeling Hills, the largest amounts being received in the eastern and northern districts, and smallest amounts in the western districts. Thus the average rainfall of the month is less than 2 inches in the southern parts of the Sarun and Mozufferpore districts, the Gya and Shahabad districts, and the western parts of Chutia Nagpur. To the east of these districts, up to a line running nearly north from the mouth of the Hooghly, the rainfall increases from 2 up to 5 inches. To the east of this, up to a line passing through Rungpore, Jamalpore, Mymensing, Brammberiah, Comilla, and Cox's Bazar, the average rainfall increases eastwards from 5 to 10 inches. To the east of that line it exceeds 10 inches, and increases rapidly in amount towards the Garo and Khasia Hills and towards the Dooars, and at Buxa in the Western Dooars the average rainfall in May is no less than 21.58 inches.

The meteorology of May is generally rather important for about the second or third week, the south-west monsoon makes its appearance in the south of the Bay, and gives heavy rain and fairly strong winds at the South Ceylon stations. The monsoon current gradually creeps up the east of the Bay, and rain sets in along the Arakan coast towards the close of the month, and it afterwards spreads into East and North Bengal early in June.

In the front of the advancing monsoon current frequently cyclonic storms arise, which are sometimes small and feeble, and at other times large and of considerable intensity. When these cyclonic storms are formed quite in the south of the Bay, they usually advance towards the Madras coast; but when the storms originate rather later, that is, when the monsoon current has advanced well into the centre of the Bay, the storms which then form appear usually to advance either towards the Arakan coast or towards the South Bengal coast.

Meteorology of the month.—The principal features of interest in the meteorology of the past month have been—

1. That pressure has been decidedly above the normal for the greater part of the month;
2. That temperature was decidedly above the normal for the first third of the month, and largely below it for the remainder;
3. That there was a period of extremely disturbed atmospheric conditions of about a week in duration from the 12th to the 18th, during which rather heavy and decidedly general rain fell over the province;
4. That there was a rainfall decidedly in excess in all districts;
5. That the commencement of the monsoon in the south of the Bay, i.e. the first and preliminary advance of strong winds at the Ceylon stations, was noticed from about the 8th to the 11th of May, and that a second advance took place about eight or ten days later.

For the first ten days of the month the weather conditions in Bengal do not call for any particular comment; ordinary hot weather conditions obtained, accompanied by a few local storms or nor'westers, which gave a small amount of rainfall to the province, but by no means equal in amount to the normal. At this time the air was very dry over the western parts of the province, and at 10 A.M. on the 10th at Buxar the saturation was only 10 per cent. of the possible amount, at Hazaribagh it was only 11 per cent., and at Dehree and Patna

it was 17 and 18 per cent. respectively. This represents an excessive dryness of the atmosphere. From the 10th, however, winds became more easterly at the northern stations, while strong southerly winds set in at the southern stations, and brought up considerable amounts of moisture. At Darjeeling, too, on the 10th, a strong north-easterly wind, averaging 20 miles an hour, was reported, and this northerly current appears to have extended, and on the 11th it embraced the whole of North Bengal and North Behar and parts of South Behar and Chutia Nagpur. As moist southerly winds were blowing over the southern and central parts of the province, and dry northerly and north-easterly winds over the northern parts, the meeting of the opposing wind systems caused a large amount of interaction and interference with the necessary result of ascensional air motion and heavy rain. For a period of about a week these disturbed conditions continued in a more or less pronounced form, and during this time rain was general over the greater part of the province and in many cases it was heavy. A period of ordinary hot weather conditions then succeeded to this disturbed period, and showers became much less numerous.

At about the period when these disturbed conditions were setting in over Bengal, a rather feeble advance of monsoon winds was taking place in the extreme south of the Bay, as shown by the high wind velocity at Galle. The advance did not, however, seem to progress far into the Bay, and shortly afterwards it died away. A second advance was noticed from about the 18th of the month, when strong winds and heavy rain were recorded at the Ceylon stations. At Galle, in particular, on the 18th and 19th of the month, 8 inches of rain were recorded. These monsoon winds continued to blow strongly, and in certain cases to increase in force up to the morning of Sunday, the 23rd instant, when it was clear that a small cyclonic storm had formed off the South Madras coast, and some little distance to the south-east of Madras. By 10 A.M. of the 24th the storm had advanced over the coast line between Negapatam and Madras, and the centre of the storm, which probably passed not very far south of Pondicherry, was almost on the coast at this time. It was a storm of considerable diameter, and it affected a considerable part of the coast, though the actual size of the central hurricane part appears to have been small, and the central calm was only a few miles in diameter, while at the centre the lowest barometric reading, as shown by the log of the *S. S. Tière*, was about 29 inches. By the morning of the 25th the small storm had entirely passed inland, and probably had crossed the Peninsula.

The moist southerly current, in front of which the storm just described had formed, apparently continued its advance up the Bay, and more particularly along the east coast, and on the 26th and 27th there were indications that an extremely feeble cyclonic circulation had been set up by the advancing current over the centre of the Bay. At this time a moist southerly and south-easterly wind current advanced over Bengal, giving rise to general rain in almost all districts of the province. This appears to have been a kind of preliminary advance of moist southerly winds, pushed forward by the strong winds blowing in the south and centre of the Bay, and it cannot in any way be considered to have been the commencement of the monsoon in Bengal, notwithstanding that the current gave good general and rather heavy rain to almost the whole province from about the 25th to practically the end of the month.

Pressure—At the commencement of the month was only very slightly in excess of the normal, and for the first week the mean pressure was in excess by only 0.002". At the commencement of the period of disturbance previously mentioned, a rapid increase of pressure took place, which more than neutralized a slightly defective pressure which had previously been recorded, and for the third week of the month pressure became 0.1" above the normal, but during the fourth week the excess had fallen to 0.062". For the whole month, and for the whole Province, the mean pressure has shown an excess of 0.03" above the normal, and this excess is fairly evenly distributed, for the extreme variations in the districts are from an excess of 0.038" in East Bengal to one of 0.024" in Orissa.

Temperature—At the commencement of the month was rather considerably above the normal, the mean excess of 1.5° being recorded for the first week. Temperatures in excess of the normal continued to be recorded, the excess in some cases being as great as 5° to 7°, till the heavy rainfall brought about by the disturbed conditions above described, caused an extremely rapid fall to be registered. Thus at Calcutta from 4 P.M. of the 12th to 4 P.M. of the 13th the fall of temperature was no less than 26°. After the rainfall, temperature became largely below the normal on the 13th, and at such stations as Berhampore and Jessore the mean temperature was 15° below the normal, while at Burdwan, Dacca, Patna, and Gya the defect exceeded 9°. This comparatively large defect slowly decreased, and for the third week over the whole Province the mean temperature was 2.8° below the normal; and in the fourth week it was only 1.7° below it. For the whole month therefore temperature has been 1.1° below the normal for the period, though the largest defects, amounting to 2.7° and 1.5°, have been recorded in South Behar and Chutia Nagpur respectively.

Rainfall—The periods of the most general rainfall during the month have already been alluded to in the previous summary, and it therefore only remains to describe its distribution over the province. For the month, rainfall has been in excess in all districts. The largest fall has been received in East Bengal, which records 10.80 inches, against the normal fall of 9.45 inches. This division has therefore received a fall equal to 109 per cent. of the

normal. North Bengal has received 9.64 inches, against the normal 8.30 inches, and has therefore received a fall equal to 116 per cent. of the normal. South-West Bengal has received the large fall of 7.83 inches, while the normal for the month is 5.11 inches. This represents a percentage fall of 153. Orissa has recorded 4.66 inches, the normal amount being 3.59 inches, and thus the division has received 129 per cent. of its usual fall. North Behar has registered 4.46 inches, while the normal is 2.74 inches, and has thus received no less than 163 per cent. of the usual fall. Chutia Nagpur averages 3.10 inches of rain, the normal being 2.41 inches, which represents a fall of 128 per cent., and finally the smallest amount of rain has been received by South Behar, which registers 2.80 inches against 1.98 inches, and this division has therefore received a fall equal to 141 per cent. of the normal. Taking all the provinces as having an equal value, it may be said that the rainfall of the whole province generally has been about 84 per cent. in excess of the normal.

The rainfall has, however, been decidedly irregularly distributed in various parts of the respective divisions, and instead of the lines of equal rainfall running nearly due north and south as described under the normal rainfall for the month, the lines of actual equal fall during May are very contorted, and it can only be said in a general way that they have the direction north and south. The eastern districts of the province have generally received a fall in excess of ten inches, while the western stations, such as in Shahabad, have received less than one inch. When the actual fall, however, is compared with the normal for the period, the distribution appears rather less irregular. It is then seen that there are two distinct tracts of country which have received a rainfall below the normal for the month. The first is a band running almost east and west and averaging perhaps fifty miles in width, which is situated some little distance from the foot of the Himalayas, but which in the Darjeeling and Julpigoree districts runs into the hills themselves. This band of country starts in the west in the Shahabad district, where it is defined by such stations as Buzar, Arrah, and Sassaram: it then takes in part of the Patna district as shown by the stations Behar and Barh. It includes part of the Monghyr district as shown by the station Bogosera, small parts of the Darbhanga, Bhagulpore, Purneah and Maldah districts, and the whole of the Julpigoree and Cooch Behar districts, and Kalimpong in the Darjeeling Hills. The second area of diminished rainfall is to be found in the east of the province, and it includes almost the whole of the Mymensingh district, parts of the Pubna and Bogra districts (Serajgunge and Sherepore), parts of the Dacca, Furreedpore, Noakholly, and Chittagong districts, as shown by the stations of Dacca, Madaripore, Fenny, and Cox's Bazar. The defect is rather large in the Cooch Behar, and probably in parts of the Julpigoree district, where in some cases it amounts to over 4 inches. It also exceeds two inches in parts of the Mymensingh district, but with these exceptions the defective falls are not large.

Except in these districts and at a few isolated stations, the whole of the province has received an excess fall varying generally up to about two inches, but there is one centre of excessive precipitation in Central Bengal, where Choondanga has received about eight inches in excess of the normal, and Jhenida nine inches in excess, and again Magorah 13.43 inches in excess. Culua and Cutwa in the Burdwan districts have also received about six inches of excess rainfall during May.

The following small table will show the monthly rainfall over the whole province, from the commencement of the current year, compared with the normal fall for the same period. The numbers which are given are calculated out as percentages of the normal fall; thus 100 will represent a normal fall, a number larger than 100 an excess fall, and so on:—

Meteorological district.	January.	February.	March.	April.	May.	Actual rainfall for first five months expressed as a percentage of the normal fall for the period.
Orissa ...	122	4	444	5	129	124
South-West Bengal	71	1	240	30	153	117
East Bengal ...	23	0	180	30	109	103
North Bengal ...	3	31	126	43	116	95
North Behar ...	35	18	92	34	163	103
South Behar ...	28	34	237	26	141	108
Chutia Nagpur ...	24	2	196	26	128	103

Up to the present date the whole of the province has received a rainfall slightly in excess of the normal since the commencement of the year, except North Bengal, where the fall has been about 5 per cent. below the normal. Orissa has received the largest excess fall, amounting to 24 per cent., while South-West Bengal has received 17 per cent. in excess. In all other meteorological divisions the variation from the normal does not amount to 10 per cent.; over the whole province for the first five months the general rainfall has been about 8 per cent. in excess of the normal.

The following table gives the summary of the temperature and rainfall data of each of the seven Meteorological Divisions of the Province for the month of May 1886:—

METEOROLOGICAL DIVISIONS.	TEMPERATURE.						RAINFALL.							
	Highest observed during month.	Lowest observed during month.	Averages for month.			Average mean of month above or below normal mean of month.	Of month.		Rainy days.		Since 15th May 1875.			
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in month.	Normal average number in month.	Variation.		
Orissa	105.4	80.4	93.1	78.3	85.7	-1.0	1.66	3.59	+1.07	7.0	7.2	+0.2	3.25	1.84
South-West Bengal	100.0	68.5	84.5	70.9	86.2	-0.7	7.83	5.11	+2.72	10.0	8.0	+1.1	3.25	2.40
East Bengal	98.5	66.5	80.7	71.0	82.2	-0.0	10.30	9.45	+0.85	12.1	13.0	+1.1	3.23	4.06
North Bengal	102.4	84.1	90.8	71.8	81.3	—	9.64	5.50	+1.24	13.3	11.0	+2.4	6.97	4.93
North Behar	105.0*	81.9*	86.0*	74.9*	85.2*	-0.4*	5.46	2.74	+1.72	6.4	4.7	+1.1	3.01	1.50
South Behar	100.0	61.0†	81.8	73.7	80.8	-2.7	8.80	1.06	+0.82	5.5	3.0	+1.0	2.05	1.11
Chutia Nagpur	104.5†	63.0†	85.7†	73.0†	81.5†	-1.3†	9.10	2.41	+0.69	7.5	6.0	+1.5	2.85	1.15

* Puri not included.
† Chyolmas ditto.

METEOROLOGICAL OFFICE, BENGAL.

The 15th May 1886.

ALEXANDER PEDDER,

Offg. Meteorological Reporter to the Govt. of Bengal.

Meteorological Report of the Province of Bengal

METEOROLOGICAL DIVISION.	DISTRICT.	Representative station.	STATION OBSERVATIONS.												
			AIR PRESSURE.			WIND.		TEMPERATURE.						Mean daily temperature.	Mean 10 A. M. temperature.
			Mean barometric height, 10 A. M.	Mean reduced to sea-level.	Variation from mean.	Prevailing direction.	Mean wind velocity.	Highest during week.	Date.	Lowest during week.	Date.	Mean maximum temperature.	Mean minimum temperature of week.		
CENTRAL.	Pooree	Gopalpore	29.646	29.638	—	SSW, Calm	110	92.7	8th June	79.8	10th June	90.3	88.4	86.3	—
	Cuttack	False Point	29.650	29.650	—0.02	SSW	178	94.0	11th "	73.1	11th "	91.7	79.1	86.3	—0.1
	Walsore	Cuttack	29.650	29.650	+0.12	SW, calm	66	96.4	8th "	74.9	6th "	96.4	78.0	87.3	—2.5
	Walsore	Bainsore	29.657	29.655	—	NE	80.0	98.9	5th "	78.3	7th "	96.8	74.0	85.1	—
SOUTH-WEST BENGAL.	South-West Midnapore	Saugor Island	29.633	29.639	—0.00	SSW	147	94.2	8th "	79.0	10th "	91.9	88.2	87.0	+0.6
	South-West Midnapore	Midnapore	29.654	29.672	—	S	80.4	100.9	8th "	79.8	8th "	100.3	81.1	90.7	—
	South-West Midnapore	Calcutta	29.650	29.671	+0.00	S	110	96.6	8th "	76.2	9th "	96.0	79.2	87.1	+2.3
	Howrah	Howrah	29.674	29.673	+0.01	SSE	69	103.1	8th "	76.4	8th, 9th June	97.4	79.2	86.7	+1.6
	Bankura	Bankura	29.640	—	—	SE	58	100.1	8th "	80.0	8th, 9th June	99.2	81.4	90.4	—
	Bardham	Bardham	29.632	—	—	SE	121.8	100.4	8th "	80.8	8th, 9th, 11th June	102.2	81.7	92.0	—
	West Bardham	Berhampore	29.604	29.671	+0.05	SE	91.7	102.7	8th "	69.2	8th "	96.1	78.1	87.1	+0.8
	Medinipur	Krishnagar	29.621	—	—	SE	84.0	100.3	8th "	76.8	8th, 9th June	90.7	78.4	87.6	—
	Jessore	Jessore	29.632	29.652	+0.02	SSW	101.7	97.8	8th "	76.9	8th, 9th June	90.0	79.8	87.7	+2.0
	Khoulia	Chittagong	29.636	29.725	—0.01	SSE	82	80.1	7th "	74.0	8th "	85.6	76.6	81.1	—0.8
	Chittagong	Chittagong Hill Tracts	—	—	—	Observations not received.									
	Chittagong	Barrack	29.689	29.701	—	SE	78.3	92.3	7th June	70.4	8th June	82.3	78.6	83.6	—
SOUTH BENGAL.	Naokholi	Naokholi	29.676	29.720	—	Calm	—	90.7	7th "	74.2	8th "	87.4	77.7	82.6	—
	Faridkot	Faridkot	29.630	—	—	S	216.2	94.0	8th "	72.4	8th "	90.8	78.6	85.8	—
	Dacca	Dacca	29.671	29.680	+0.01	SSE	127	93.8	8th "	76.1	8th "	99.4	78.3	84.0	+0.1
	Tipperah	Comilla	29.623	29.655	—	SSE	76.8	93.3	7th "	74.8	8th "	89.7	77.9	83.6	—
	Mymensingh	Mymensingh	29.635	—	—	SSE	109.2	92.6	8th "	73.1	8th "	88.6	76.1	83.9	—
	Bohara and Pabna	Bohara	29.609	29.671	—	NE	95.2	94.3	8th "	74.8	8th "	92.2	77.7	83.0	—
	Bohara and Pabna	Beraigunge	29.658	29.694	—	SSE	90.6	94.5	8th "	75.2	9th "	92.4	77.8	84.6	—
	Rajshahi	Rajshahi	29.664	29.635	—	NE	83.3	100.4	8th "	70.8	8th, 9th June	96.6	79.1	87.8	—
	Maldah	Maldah	29.606	—	—	SSE	54	97.1	8th "	75.0	9th "	95.3	78.1	84.7	—
	Dinapore	Dinapore	29.653	29.677	—	SE	103.4	93.8	8th "	77.1	8th "	93.6	78.7	86.1	—
	Bangalore	Bangalore	29.671	29.695	—	SSE	64	94.3	8th "	68.1	8th "	91.6	74.3	81.9	—
	Jalpaiguri	Jalpaiguri	29.611	29.637	—	SE	89.6	95.0	8th "	69.8	8th "	91.8	74.0	81.8	—
SOUTH BENGAL.	Cooch Behar	Cooch Behar	—	—	—	—	—	—	—	—	—	—	—	—	—
	Darjeeling Hill District	Darjeeling	29.639	—	+0.01	E, NE	81.3	71.1	8th "	62.1	8th "	86.6	84.6	80.0	+0.1
	Purnea	Purnea	29.651	29.686	+0.00	Calm	12.9	102.3	8th "	—	—	92.2	—	—	—
	North Bhagalpur	North Bhagalpur	—	—	—	—	—	—	—	—	—	—	—	—	—
	Mosuffurpore	Mosuffurpore	—	—	—	—	—	—	—	—	—	—	—	—	—
	Darbhanga	Darbhanga	29.663	29.658	+0.00	SSE	120	106.4	10th June	77.0	6th June	100.3	81.5	94.0	+4.1
	Chumpra	Motihari	29.637	29.651	—	SSE	104.3	101.8	9th "	78.8	8th "	99.2	78.6	84.9	—
	Saran	Chhapra	29.643	—	—	E	75.9	106.8	7. 9, 10 June	78.5	8th "	103.0	89.7	93.0	—
	Shahabad	Dehri	29.677	29.690	—	SE	176.0	104.0	5, 7, 9, 10 June	74.0	8th "	103.1	80.3	91.7	—
	Shahabad	Buxar	29.671	29.681	—	Northerly	126.6	107.6	8th "	78.2	8th "	104.7	82.8	93.7	—
	Shahabad	Arrah	29.615	29.610	—	Variable	123.6	107.4	8th "	78.1	8th "	100.0	81.9	93.4	—
	Gya	Gya	29.623	29.621	+0.02	NE, calm	79	106.0	7th "	78.6	8th "	105.4	80.3	91.8	+0.5
SOUTH BENGAL.	Patna	Benares	29.674	29.643	+0.07	SSE	75	107.5	8th, 9th June	78.2	8th "	104.6	84.0	93.3	+2.0
	South Bhagalpur	Shahpur	29.677	29.637	—	Easterly	30	86.7	8th "	73.9	7th "	87.7	79.0	86.4	—
	South Bhagalpur	Dumka	29.613	—	—	Calm	33.8	105.2	8th "	78.3	7th "	99.0	78.3	89.8	—
	Hazratnagar	Hazratnagar	29.687	29.634	+0.05	NW	171	98.5	7th "	78.6	8th "	97.8	77.2	87.6	+1.0
	Lohardigha	Lohardigha	29.604	29.630	—	N	161.8	98.9	8th "	78.4	10th "	97.6	75.9	86.7	—
	Singbhum	Chyabura	29.601	—	—	WSW	56.4	102.1	8th "	78.3	10th "	99.2	80.1	90.7	—

* Means for six days.

Explanation.—Summary.—The normal means of air pressure and temperature are the arithmetical averages or means of the readings during the year. The humidity of the atmosphere is expressed as a percentage, saturated air being represented by 100. A clear sky is denoted by 0 and an overcast sky by 100. The normal means of the numerical means or averages of the rainfall in that district determined from the returns sent in by the stations of the district (i.e., from the total rainfall at the sub-divisional stations in the district dividing by the number of stations. A

The week ending Friday, the 11th of June 1886.

DISTRICT OBSERVATIONS.													Representation station.	DISTRICT.	METEOROLOGICAL DIVISION.
Average cloud amount at 10 A. M. for week.	Rainfall at week at observing stations.	RAINFALL.									Average number of rainy days.	Normal number of rainy days.			
		Of week.		Since 1st of month.			Since 1st May 1886.								
		Mean for district.	Normal mean.	Mean for district.	Normal mean.	Variation.	Mean for district.	Normal mean.	Variation.						
46	0.82	—	—	—	—	—	—	—	—	—	—	—	Gopalpore	Purse	Central.
76	0.39	0.10	1.25	0.70	1.83	-1.06	3.02	3.30	+0.32	1.8	2.9	False Point			
57	0.53	0.98	1.12	2.26	1.88	+0.43	4.93	3.60	+1.27	2.2	2.0	Outlack	Outlack	Central.	Central.
48	0.58	0.72	1.81	1.42	2.44	-1.02	3.92	4.04	-0.02	1.2	2.3	Bainsore	Bainsore		
88	1.74	1.39	1.83	1.67	2.84	-1.17	2.52	3.73	-2.01	2.3	2.7	Nagar Island	South-West Midnapore	Central.	Central.
63	0.12	0.81	2.07	0.78	3.04	-2.26	2.32	3.03	-2.71	1.3	2.3	Midnapore	South 24-Pargannas		
54	0.17	0.37	2.14	1.51	3.44	-1.93	3.88	0.02	-2.10	0.6	3.1	Calcutta	Midnapore	Central.	Central.
10	0.07	0.30	2.90	0.83	3.06	-2.23	4.80	5.22	-0.31	1.7	2.7	Barwan	24-Pargannas		
29	0.12	0.19	1.80	0.18	3.27	-3.08	4.80	4.73	-0.13	0.4	2.5	Bankoora	Howrah	South-West Bengal.	South-West Bengal.
50	0.03	0.06	1.90	0.14	2.61	-2.37	3.19	4.12	-0.90	0.8	2.8	Bankoora	Roohly		
54	1.96	1.01	1.43	1.13	2.58	-1.46	4.98	5.13	-0.17	1.2	2.3	Bankoora	Bankoora	South-West Bengal.	South-West Bengal.
61	Nil	0.19	2.56	0.31	4.03	-3.72	6.01	7.24	-1.15	0.4	3.0	Bankoora	Bankoora		
38	0.09	0.37	3.13	0.88	4.52	-3.63	0.27	7.75	-1.48	0.9	3.4	Bankoora	Bankoora	South-West Bengal.	South-West Bengal.
74	10.11	8.06	4.37	10.42	7.96	+11.30	24.26	10.82	+11.07	2.0	4.7	Chittagong	Chittagong		
51	1.67	3.81	4.33	5.62	6.83	-1.31	12.30	10.71	+1.65	3.5	4.2	Chittagong	Chittagong Hill Tracts	South-West Bengal.	South-West Bengal.
47	4.38	3.93	5.67	6.91	9.96	-0.31	11.48	14.40	-2.93	3.5	4.8	Chittagong	Chittagong		
31	Nil	2.58	3.31	3.34	6.83	-1.54	0.32	9.31	-0.10	1.3	3.7	Chittagong	Chittagong	South-West Bengal.	South-West Bengal.
70	3.78	2.94	2.77	3.72	3.89	-0.17	9.37	7.89	+1.48	2.8	2.6	Dacca	Dacca		
45	2.09	2.58	3.23	3.48	5.54	-1.63	7.86	10.17	-2.32	3.8	4.0	Comillah	Tipperah	North Bengal.	North Bengal.
60	1.74	1.75	4.69	2.80	6.87	-3.98	0.37	11.24	-4.57	2.3	8.0	Mymensingh	Mymensingh		
27	0.87	1.53	2.59	1.94	4.20	-3.26	0.05	9.14	+1.61	1.8	3.4	Bogra	Bogra	North Bengal.	North Bengal.
63	0.34	0.52	5.10	0.69	4.46	-3.77	5.11	8.27	-2.16	2.6	3.3	Serajgunge	Bogra and Pabna		
31	0.26	0.13	2.02	0.17	3.47	-3.30	4.83	6.51	-1.68	1.0	3.1	Rampore	Rajshahi	North Bengal.	North Bengal.
10	1.35	1.12	2.35	1.37	3.07	-1.70	4.23	5.39	-1.17	2.0	3.1	Maldah	Maldah		
47	0.20	0.73	2.28	0.75	4.31	-3.56	7.67	6.95	+0.72	1.2	2.8	Dinapore	Dinapore	North Bengal.	North Bengal.
60	0.40	0.31	0.20	1.27	7.24	-6.97	13.14	12.79	-0.35	2.6	4.1	Rangpore	Rangpore		
49	0.70	0.73	3.07	2.36	1.97	+0.41	8.09	10.34	-11.85	1.6	5.1	Jalpiore	Jalpiore	North Bengal.	North Bengal.
90	1.63	3.58	5.18	6.03	7.18	-1.15	11.83	12.68	-1.35	0.5	5.3	Darjeeling	Darjeeling Hill Districts		
34	2.79	1.10	1.67	1.18	2.43	-1.34	0.42	4.45	+1.27	1.4	1.8	Purnea	Purnea	South Bengal.	South Bengal.
39	Nil	Nil	0.76	0.08	1.04	-0.96	2.61	1.98	+0.63	0.3	1.3	Monufierpore	Monufierpore		
58	Nil	Nil	0.85	0.30	1.25	-0.90	1.55	3.36	-0.84	0.0	1.4	Durbhanga	Durbhanga	South Bengal.	South Bengal.
70	Nil	Nil	1.24	0.63	2.70	-1.10	3.03	2.99	+0.04	0.0	1.3	Motihari	Champaran		
14	Nil	Nil	1.01	Nil	1.23	-1.23	2.06	1.53	+0.13	0.0	0.9	Chupra	Chupra	South Bengal.	South Bengal.
14	Nil	Nil	0.37	0.19	0.51	-0.33	0.86	0.97	-0.01	0.0	0.9	Dehra	Dehra		
21	Nil	Nil	0.37	0.19	0.51	-0.33	0.86	0.97	-0.01	0.0	0.9	Dehra	Dehra	South Bengal.	South Bengal.
46	Nil	Nil	0.38	0.18	0.64	-0.40	1.56	1.71	+0.15	0.0	0.9	Dehra	Dehra		
34	Nil	0.02	0.41	0.03	0.45	-0.38	1.21	1.69	-0.48	0.2	1.1	Bankipore	Patna	South Bengal.	South Bengal.
24	1.06	0.67	0.93	1.06	1.17	-0.21	3.54	2.47	+1.07	1.4	1.7	Bankipore	South Bhagalpur		
51	1.01	0.37	1.23	0.82	1.97	-1.15	4.44	3.50	+0.94	1.2	2.2	Bankipore	Bankipore	South Bengal.	South Bengal.
41	Nil	0.93	0.97	0.16	1.61	-1.36	2.34	2.43	-0.13	0.3	2.3	Bankipore	Bankipore		
56	0.12	0.18	1.04	0.23	1.63	-1.28	2.68	2.78	-0.06	0.6	2.0	Bankipore	Bankipore	South Bengal.	South Bengal.
44	0.88	0.37	1.55	2.27	1.88	+0.30	7.38	3.82	+3.74	2.0	3.3	Bankipore	Bankipore		

The past ten years. The variations are negative when the mean for the week is less than the corresponding normal mean, and positive when greater. The number denoting cloud amount represents the part of the sky covered, the whole sky being denoted by 10. Under the head "District" observations for the period in question during the past 12 years. The means of the district are the numerical averages of the rainfall returns received in which at least hundredth of an inch fall.

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 11th of June 1886

Meteorological division.	District.	Station.	RAINFALL.							TOTAL.		Total rain-fall since 1st of month.	Average total rain-fall from 1st of month.	Total rain-fall since 15th May 1885.	Total rain-fall since 1st of month.	
			3rd day, June.	4th day, June.	5th day, June.	6th day, June.	Wednesday, 7th June.	Thursday, 8th June.	Friday, 9th June.	Number of rainy days.	Number of rainy weeks.					
UNION.	Pooree	Pooree	0.10	0.10						2	0.20	0.92	1.47	4.17		
		Khurda	0.15							Nil	Nil	1.31	1.60	4.41		
		Balpur								1	0.30	0.81	1.80	4.81		
		False Point														
		Pipli														
	Guntur	Guntur	0.04			0.14			0.13				0.94	1.23		
		Guntur				0.03				1	0.03	2.40	2.16	7.25		
		Kendrapara	0.00			0.10			0.07	2	0.24	2.24	2.28	4.30		
		Jambur				0.10				3	1.24	2.17	2.68	7.78		
		Charnalla							0.44	1	0.44	0.44		5.64		
Balsore	Chandbali								1		1.08	1.98	6.08			
	Bhadrach							1.03	2	1.74	2.22	2.66	4.63			
	Balsore	1.50						0.24	1	0.24	1.04	1.82	2.97			
	Jambur							0.10	2	1.01	1.02	2.44	3.92			
	Balsore	0.03							1	0.03	0.88	2.43	1.08			
South-West BENGAL.	Midnapore	Contai						1.21	1.04		2	2.24	2.51	2.85	7.37	
		Sambar Island	0.51					1.23	0.18	0.02	4	1.74	2.14	2.67	3.31	
		Tamluk						1.70			1	0.11	0.11	2.27	4.10	
		Midnapore				0.11					1	0.11	0.92	2.76	1.79	
		Chattal	0.01					0.01			2	0.02	0.44	4.08	1.74	
	24-Pargunnah	Howrah							0.04		1	0.04	0.04	2.34	2.08	
		Howrah							0.02	0.01	2	0.06	0.06	2.34	2.08	
		Howrah									Nil	Nil	Nil	2.34	2.08	
		Howrah									Nil	Nil	Nil	2.34	2.08	
		Howrah									Nil	Nil	Nil	2.34	2.08	
Hooghly	Hooghly									Nil	Nil	0.33	3.01	5.44		
	Jelousabad									1	0.42	0.42	2.81	2.46		
	Chulia	0.42					2.30	0.00		2	2.30	2.30	3.03	5.51		
	Hooghly									1	0.07	0.07	2.21	3.57		
	Hooghly									1	0.07	0.07	2.21	3.57		
Bardhaman	Bardhaman							0.03	0.02	2	0.07	0.07	2.21	3.57		
	Bardhaman									1	0.12	0.12	2.21	3.57		
	Bardhaman									1	0.03	0.03	1.00	2.44		
	Bardhaman									1	0.03	0.03	1.00	2.44		
	Bardhaman									1	0.03	0.03	1.00	2.44		
Bankura	Bankura				0.12					1	0.12	0.12	2.80	4.22		
	Bankura									Nil	Nil	0.06	0.06	3.21		
	Bankura									Nil	Nil	0.06	0.06	3.21		
	Bankura									1	0.25	0.25	2.90	4.22		
	Bankura									1	0.03	0.03	1.40	2.80		
Bongaon	Bongaon				0.06					1	0.06	1.30	1.30	4.01		
	Bongaon									2	0.03	Nil	Nil	2.80		
	Bongaon									Nil	Nil	1.63	1.63	4.19		
	Bongaon									Nil	Nil	1.64	1.64	4.19		
	Bongaon									1	0.08	2.17	2.17	4.19		
Bongaon	Bongaon				0.10					1	0.10	0.10	2.17	4.19		
	Bongaon									1	0.20	0.20	2.30	4.24		
	Bongaon									Nil	Nil	0.33	3.15	4.24		
	Bongaon									1	0.02	0.61	0.61	4.24		
	Bongaon									1	0.21	0.21	0.61	4.24		
Bongaon	Bongaon									Nil	Nil	0.10	3.08	4.24		
	Bongaon									Nil	Nil	0.00	3.21	4.24		
	Bongaon									Nil	Nil	0.00	3.21	4.24		
	Bongaon									1	0.70	0.90	3.08	4.24		
	Bongaon									1	0.21	0.43	0.91	4.24		
Bongaon	Bongaon									Nil	Nil	0.13	3.08	4.24		
	Bongaon									2	0.40	1.41	3.20	4.24		
	Bongaon									1	0.31	0.70	4.14	4.24		
	Bongaon									1	0.31	0.70	4.14	4.24		
	Bongaon									1	0.31	0.70	4.14	4.24		
Bongaon	Bongaon									1	1.11	2.80	4.34	5.91		
	Bongaon									1	0.00	0.00	4.02	5.90		
	Bongaon									2	0.57	0.62	4.57	10.43		
	Bongaon									Nil	Nil	1.45	4.33	10.43		
	Bongaon									Nil	Nil	Nil	3.00	0.33		
Bongaon	Bongaon									1	1.25	1.47	2.30	4.17		
	Bongaon									1	1.25	2.31	2.63	5.14		
	Bongaon									1	1.25	1.25	2.63	5.14		
	Bongaon									1	0.27	0.47	2.63	4.23		
	Bongaon									1	0.78	4.78	1.00	4.23		
Bongaon	Bongaon									2	0.25	0.30	2.07	4.23		
	Bongaon									2	0.25	0.30	2.07	4.23		
	Bongaon									2	0.25	0.30	2.07	4.23		
	Bongaon									2	0.25	0.30	2.07	4.23		
	Bongaon									2	0.25	0.30	2.07	4.23		
Bongaon	Bongaon									3	0.23	11.93	3.84	10.43		
	Bongaon									3	0.23	11.93	3.84	10.43		
	Bongaon									3	0.23	11.93	3.84	10.43		
	Bongaon									3	0.23	11.93	3.84	10.43		
	Bongaon									3	0.23	11.93	3.84	10.43		
Bongaon	Bongaon									3	0.23	11.93	3.84	10.43		
	Bongaon									3	0.23	11.93	3.84	10.43		
	Bongaon									3	0.23	11.93	3.84	10.43		
	Bongaon									3	0.23	11.93	3.84	10.43		
	Bongaon									3	0.23	11.93	3.84	10.43		
Bongaon	Bongaon									3	0.23	11.93	3.84	10.43		
	Bongaon									3	0.23	11.93	3.84	10.43		
	Bongaon									3	0.23	11.93	3.84	10.43		
	Bongaon									3	0.23	11.93	3.84	10.43		
	Bongaon									3	0.23	11.93	3.84	10.43		

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 11th of June 1886—contd.

District.	Station.	RAINFALL.							TOTAL.		Total rain-fall since 1st of month.	Average total rain-fall from 1st of month.	Total rain-fall since 15th May 1893.	Average rain-fall from 15th May 1893 to date.	
		Saturday, 5th June.	Sunday, 6th June.	Monday, 7th June.	Tuesday, 8th June.	Wednesday, 9th June.	Thursday, 10th June.	Friday, 11th June.	Number of rainy days.	Rainfall week.					
BANKAL BANKAL	Gouraddi Boudhal				0.78	0.33	0.16	0.17	3	1.41	1.16	?	6.01	?	
	Nankholly			0.05	3.60		0.37	1.34	4	5.36	12.43	3.11	15.34	13.67	
	Fenny			0.32	1.52	0.12	0.15		3	2.14	5.44	1.97	7.01	15.36	
	Harisport (Sunday).			0.1		0.13									
	Ranganj				3.41		1.09	0.57	3	5.06	11.07	?	14.15	?	
	Mauarare				7.16			0.33	2	7.49	8.39	4.71	12.21	9.07	
	Farredore				0.39				1	0.39	0.74	?	8.09	10.20	
	Goolundo						0.15		1	0.15	0.77	0.57	7.45	8.35	
	Dacca	Munsingunge				3.04	0.32	0.11	0.55	4	4.02	5.38	5.11	12.54	8.4
	Dacca	Dacca				4.95			0.67	2	4.12	4.71	4.52	7.99	6.9
Hill Tipperah Tipperah	Narainkunge				2.67	0.07	0.03	0.03	4	2.81	3.51	4.91	2.75	6.13	
	Manchukunee				0.24							2.95	7.93	7.93	
	Joydehpore				1.90	0.03	0.03	0.19	4	2.15	7.32	?	10.05	?	
	Agartala				1.05							4.30	?	9.35	
	Gumilla			0.10	1.97	0.16	0.15	0.10	5	2.35	2.35	4.41	7.72	11.15	
	Chandpore				4.90		0.40	0.30	3	4.70	7.90	5.07	11.70	9.89	
	Krahtunberia			0.03	0.43	0.08	0.52				5.24	?	14.44	?	
	Ranchandra-pore.				1.32								?	?	
	Narainagar.											?	?	?	
	Naikandi				3.50	0.10						?	?	?	
Mymensingh	Kasba				1.12	0.05	0.10		4	1.05	2.35	?	7.65	?	
	Laksham			0.30	2.42		0.33					?	?	?	
	Kishoreganj				1.38							7.61	?	12.63	
	Alin (Tangai)							1.71	1	1.71	2.14	4.68	4.30	5.40	
	Mymensingh	0.08			1.35	0.54	0.44		4	2.41	2.92	7.25	0.47	13.66	
	Jamulpore				0.05				1	0.05	1.75	3.11	5.41	9.54	
	Narokona	0.02			1.61	0.40	0.37		3	3.39	4.60	6.78	8.78	11.74	
	Suburankholly						0.00	0.05	3	0.15	1.14	?	7.20	?	
	Durgapore	0.30									?	?	?	?	
	Dumapang								Nil	Nil	2.77	?	12.83	?	
Pubna	Pubna														
	Borajungo						0.17	0.31	3	0.34	0.34	4.80	5.72	8.46	
Hogra	Bherpore				2.30		0.13	0.32	3	3.35	3.90	5.53	11.07	6.32	
	Buwahilla						0.50		1	0.50	0.83	4.47	8.93	7.63	
Kajahabye	Hogra						0.72		1	0.72	1.77	4.06	7.70	9.46	
	Panchbibi	0.30			0.35				2	1.35	1.65	6.25	10.80	7.53	
Kajahabye	Boulab				0.07		0.12		2	0.26	0.35	3.73	5.00	6.43	
	Natore								Nil	Nil		5.22	4.61	6.57	
Kajahabye	Nowong				0.02		0.00	0.10	3	2.01	2.01	4.30	5.00	6.43	
	Lalpara							0.20	1	0.20	0.20	?	6.30	?	
Kajahabye	Munda				0.32				1	0.32	0.32	?	4.16	?	
Malda	Malda						1.55			1.55	1.84	2.57	4.84	4.30	
	Chokhal	0.04	0.4		0.34				3	0.38	0.38	3.66	3.77	6.46	
Dinapore	Gajol				0.40				1	0.40	0.40	?	3.00	?	
	Singamj								Nil	Nil		?	?	?	
Dinapore	Mohadehpore				2.00				1	2.00	2.00	2.81	6.67	8.41	
	Charan				0.18				1	1.67	1.12	4.27	4.77	6.01	
Dinapore	Kakapure				0.08				1	0.08	0.08	3.79	5.00	6.01	
	Jungapore				0.11				1	0.11	0.17	4.30	15.01	5.01	
Dinapore	Bakorahat				0.34				1	0.38	0.38	3.10	5.34	5.71	
Dinapore	Bhowanigunge (Gyatanjali)						0.14		1	0.14	0.02	5.07	11.23	10.94	
	Kakapure	0.37							1	0.37	0.41	6.77	11.74	13.64	
Dinapore	Kakapure	0.22			1.43	0.04	0.11	0.30	2	1.50	1.80	9.03	14.51	17.01	
	Kakapure						1.28		1	1.28	2.14	7.05	14.35	14.21	
Dinapore	Aliphamara														
	Utopura	0.74			1.00		0.05		3	2.39	2.39	?	18.25	?	
Jalpaiguri	Jalpaiguri						0.11		1	0.01	2.79	10.88	9.32	17.67	
	Alipore Jhar								2	3.70		?	?	?	
Jalpaiguri	Baidulla						0.22	0.21	2	0.43	3.53	?	10.93	?	
	Dumganj				0.07			0.05	2	0.09	2.14	?	?	?	
Dooch Behar.	Dooch Behar.	0.81					0.11		2	0.12	2.15	11.03	6.84	11.67	
	Dooch Behar.	0.9					0.00		2	1.04	3.71	14.00	8.78	23.37	
Dooch Behar.	Mickpungo						0.30	0.35	2	0.68	2.13	8.05	9.25	10.85	
	Mickpungo							0.14	1	0.14	1.49	10.22	6.16	20.00	
Dooch Behar.															
Dooch Behar.	Bura	0.42	1.04		0.32	0.16	0.15	2.25	5	4.38	5.08	11.60	13.74	23.12	
	Silghuri	0.05			0.07	3.01	1.43	0.50	5	5.53	12.70	8.01	19.03	7.66	
Dooch Behar.	Dooch Behar.				0.05	1.44	0.71	0.09	5	1.83	3.25	5.72	7.43	9.31	
	Kamrupa				0.05	0.40	1.30	0.12	4	1.81	3.44	4.4	6.13	6.13	
Dooch Behar.															
Dooch Behar.	Kisongunge				1.38		0.16		2	1.54	1.54	4.36	9.00	7.07	
	Arnam								Nil	Nil	Nil	2.31	5.35	6.77	
Dooch Behar.	Parman				1.47		0.75		3	2.22	2.22	?	3.95	?	
	Gondwara								Nil	Nil	0.34	?	?	?	
Dooch Behar.	Baiaonpore				0.37				1	0.37	0.74	?	2.45	?	
	Majara								Nil	Nil	Nil	?	?	?	
Dooch Behar.	Kamrupa						0.44		1	0.44	0.77	3.04	?	?	
	Majara								3	0.34	0.34	1.47	8.42	3.25	
Dooch Behar.	Kamrupa			0.74			0.10		1	0.42	0.61	1.83	8.22	3.30	
	Prolobganj								Nil	Nil	0.50	?	4.52	?	
Dooch Behar.															
Dooch Behar.	Tajpore								Nil	Nil	Nil	0.00	Nil	1.73	
	Dumganj								Nil	Nil	1.07	1.13	2.23	2.21	
Dooch Behar.	Majara								Nil	Nil	1.63	2.2	3.00	?	
	Bahara								Nil	Nil	?	?	?	?	
Dooch Behar.	Kuthera						0.12		1	0.12	0.64	?	2.71	?	
Dooch Behar.	Bilamathi								Nil	Nil	Nil	1.29	3.11	2.46	
	Mosadpore								Nil	Nil	0.17	1.09	5.89	2.40	
Dooch Behar.	Hajpore								1	0.03	0.03	0.75	0.88	1.30	
	Lara								Nil	Nil	0.14	?	0.61	?	
Dooch Behar.	Mukha								Nil	Nil	Nil	?	?	?	
	Sinhur								Nil	Nil	0.30	?	1.10	?	
Dooch Behar.	Chupri								Nil	Nil	Nil	?	3.08	?	
	Motnari								Nil	Nil	1.16	1.80	3.63	2.80	
Dooch Behar.	Beluchi								Nil	Nil	0.16	1.02	2.41	3.07	
	Dagada				0.11				1	0.11	0.23	?	7.07	?	
Dooch Behar.	Burkura								Nil	Nil	0.25	?	1.61	?	

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 11th June 1936—*concl'd*

[illegible]

Explanation.—Indicates that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of the returns are missing, the corresponding spaces in the total rainfall columns are left blank.

CALCUTTA, the 14th June 1886.

SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS TAKEN IN BENGAL FOR THE WEEK ENDING FRIDAY, THE 11TH OF JUNE 1886.

In the report for the previous week, it was shown that a feeble cyclonic storm had advanced over South-East Bengal, and that an advance of monsoon winds had followed it, which had given general rain to the southern part of East Bengal, where, at certain stations, the rainfall had been particularly heavy. At the commencement of the present week rainfall suddenly ceased over the province, except for a few local showers which fell during the first three days, but during this time a small barometric depression was formed off the Pegu coast which passed inland on the 7th, probably near Akyab, and the disappearance of the depression on the 8th was followed by another slight advance of humid winds over East Bengal, and on this day again rather heavy rain was reported over the whole of this district. On the 8th Madaripore (Furreedpore district) reported 7.18 inches of rain, and Satkanya (Chittagong district) 5.20 inches, while amounts of between three and five inches were reported from Chittagong, Patuakhally, Nonkhally, Raigunge, Dacca, Chandpore, and Daudkandi. Rainfall then continued fairly general in East Bengal up to the close of the week, while a few showers were reported from North and South-West Bengal and Orissa. The other districts of the province have, however, received practically little or no rain during the week.

The main feature in the meteorology of the week appears to have been the weakness of the monsoon current, which at this time is usually blowing over East and North Bengal with considerable force, but which, during this year, has given comparatively so little rain to these districts, that it would appear probable that the monsoon current is being deflected towards Burma, or that it is very much weaker than usual, or perhaps it may be that the scanty rainfall, particularly of North Bengal, is due to a combination of both causes.

Pressure—Over the greater part of the province has been decidedly above the normal during the past week, and the mean pressure for the province shows an excess of 0.025". At the coast stations, however, the average pressure has been distinctly below the normal, and at Saugor Island there has been a defect of 0.009", at False Point of 0.002", and at Chittagong of 0.001".

Temperature—Has been generally considerably above the normal except in East Bengal and Orissa, where it has been distinctly below it. In North Behar temperature has been no less than 4.1° above the normal; in South-West Bengal, South Behar, and Chutia Nagpur it has been rather more than 1° above it; while in Orissa the defect has been 1.3° and in East Bengal temperature has been 0.4° in defect. For the whole province the mean temperature has been 1° in excess of the normal for the week.

As before stated, the only district in which rainfall has been heavy has been East Bengal, and this district has received 3.43 inches against the normal 3.62 inches; the fall in this district has therefore been heavy, though in slightly smaller quantity than usual. In all other districts the falls have been small and largely in defect; thus South Behar and Orissa have received about half the normal fall; South-West Bengal, North Bengal, and North Behar have received about a quarter of the usual amount; while in Chutia Nagpur the amount received is scarcely more than a ninth of the usual fall for the period.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Friday, the 11th of June 1886:—

METEOROLOGICAL DIVISIONS.	TEMPERATURE							RAINFALL								
	Highest observed during week.	Lowest observed during week.	Averages for week.			Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of month.		Since 15th May.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.
Orissa	80.0	72.3	83.4	78.4	86.0	-1.3	0.72	1.33	-0.61	1.5	2.1	-0.6	1.50	2.07	4.22	3.91
South-West Bengal	106.9	80.3	97.3	80.2	88.8	+1.4	0.43	2.14	-1.71	1.0	2.9	-1.9	0.70	3.39	4.38	3.63
East Bengal	91.0	72.4	88.0	77.3	83.0	-0.6	3.43	3.62	-0.19	3.3	4.0	-0.7	1.03	6.13	10.39	10.53
North Bengal	100.4	68.1	83.3	77.0	85.2	-	0.86	4.08	-3.22	1.7	3.7	-2.0	1.37	7.31	8.31	10.91
North Behar	106.3	73.3	101.6	80.3	90.9	+4.1	0.35	1.17	-0.82	0.5	1.4	-0.9	0.53	1.66	3.63	2.91
South Behar	107.6	73.0	102.9	80.8	91.8	+1.3	0.30	0.73	-0.43	0.7	1.4	-0.7	0.31	1.10	2.62	2.23
Chutia Nagpur	89.3	73.4	87.7	70.0	87.1	+1.0	0.12	1.06	-0.94	0.5	2.3	-1.8	0.41	1.06	2.96	2.71

* Burnah not included.
† Chyabasa not included.

METEOROLOGICAL OFFICER, BENGAL;

The 15th June 1886.

ALEXANDER PRDLER,

Offg. Meteorological Reporter to the Govt of Bengal.

**Results of the Thermometrical Observations taken at the Meteorological Office,
Chowringhee, from 6th to 12th June 1886.**

Month.	Date.	TEMPERATURE.				Mean wet bulb.	HYGROMETRY.			Rain.
		Mean.	Maximum.	Range.	Minimum.		Vapour tension.	Dew point.	Humidity.	
1886		°	°	°	"	°	Inches.	°	%	Inches.
June	6th	87.6	98.5	17.8	80.7	80.5	.947	77.6	78	NIL
"	7th	88.8	98.5	17.7	80.6	81.5	.981	78.7	78	"
"	8th	88.8	98.5	17.7	80.8	78.5	.911	78.4	80	"
"	9th	81.5	91.5	15.0	76.8	78.9	.966	77.8	80	0.01
"	10th	84.5	92.5	12.9	79.6	79.4	.939	77.8	79	NIL
"	11th	85.7	96.8	17.2	79.6	80.5	.972	78.4	79.5	"
"	12th	88.1	98.2	14.5	83.7	82.0	1.011	79.6	78	"

The mean temperature of the seven days ... 85.6
 The extreme variation of temperature ... 21.7.
 The maximum temperature ... 98.5

The mean relative humidity ... 78%

The total fall of rain from 6th to 12th June 1886 ... 0.01

The mean temperature and humidity are obtained by applying to the mean of the 10a, 16h and minimum readings a correction dependent on the range, and derived from the hourly observations at the Surveyor-General's Office, Chowringhee, in past years.

METEOROLOGICAL OFFICE, INDIA;
 Calcutta, the 14th June 1886.

A. PEDLER,
 For Meteorological Reporter to the Govt. of India.

MEMORANDUM.

THE returns of the principal Municipalities in Bengal for the week ending 29th May 1886 yielded the birth and death-rates of 17.4 and 22.1 per 1,000 of population, respectively, as opposed to 15.2 and 20.3 per 1,000, respectively, during the preceding week ending 22nd May, indicating much advance in the registration of both events.

2. The Municipalities which returned the highest proportions of births and deaths are—

Births.			Deaths.		
		Ratio per mille.			Ratio per mille.
Beaulah	...	39.4	Mozufferpore	...	35.9
Chittagong	...	37.0	Purneah	...	35.1
			Jessore	...	36.7
			Puri	...	33.6
			Gya	...	32.8
			Beaulah	...	31.5

3. The following table denotes that, as compared with the results of the preceding week, there was an enhancement of mortality from all diseases excepting cholera, particularly from fever and bowel-complaints:—

	Ratio per mille during the weeks ending—	
	29th May 1886.	22nd May 1886.
Cholera	1.1	1.6
Small-pox	.2	.03
Fever	10.3	9.4
Bowel-complaints	3.6	2.9
Injury	.5	.4
Other causes	6.4	6.0

4. Of the abovementioned diseases, while bowel-complaints proved noticeably fatal only in the Mozufferpore town, viz. at the rate of 10.9 per 1,000 of population, and the casualties from small-pox and injury were nowhere conspicuously large, cholera, fever and the maladies classed under the head of "Other causes" proved most fatal to life in the following Municipalities:—

Cholera.		Fever.		Other causes.	
	Ratio per mille.		Ratio per mille.		Ratio per mille.
Beaulah	10.5	Jessore	36.7	Puri	14.7
Puri	10.5	Purneah	31.2	Bhagulpore	12.7
Patna	2.2	Mozufferpore	21.9	Gya	12.3
				Serampore	11.3
				Durbhanga	10.2

5. The death-rates in relation to Sex, Class and Age stand as follows:—

According to Sex.		According to Class.		According to Age.	
	Ratio per mille.		Ratio per mille.		Ratio per mille.
Males	23.2	Christians	17.4	Under 1 year	180.1
Females	20.9	Hindus	22.8	1 and under 5 years	36.5
Ratio of males deaths to every 100 female deaths. 126		Mahomedans	20.6	5 " 10 "	13.1
		Budhists	21.2	10 " 15 "	11.8
		Other classes	36.4	15 " 20 "	19.8
				20 " 30 "	15.3
				30 " 40 "	10.7
				40 " 50 "	18.8
				50 " 60 "	14.7
				60 years and upwards	47.2

R. LIDDESDALE, M.D., Deputy Surgeon-General,
Sanitary Commissioner for Bengal.

The 14th June 1886.

Statement showing the Results of the Registration of Births and Deaths in the Principal Municipalities in Bengal during the week ending 29th May 1886.

DISTRICTS.		NAMES OF MUNICIPAL PALATIES.		POPULATION.				DISEASE.												MORTALITY ACCORDING TO—													
				NUMBER OF—				RATIO PER 1,000 OF POPULATION PER ANNUM.				DEATHS FROM—				RATIO PER 1,000 OF POPULATION PER ANNUM.				DEATHS FROM—				RATIO PER 1,000 OF POPULATION PER ANNUM.									
				Males.		Females.		Total.		Males.		Females.		Total.		Males.		Females.		Total.		Males.		Females.		Total.		Males.		Females.		Total.	
				Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.	Males.	Females.	Total.
Burdwan	Burdwan	18,063	16,017	34,080	8	7	15	122	107	229	114	12	1	1	4	17	15	32	15	1	1	6	61	25	9	5	25	230	113				
Midnapore	Midnapore	16,047	16,433	32,480	5	4	9	77	62	139	125	1	1	5	7	13	15	1	1	1	1	7	77	10	3	5	61	15	60				
Hughli	Hughli and Chinsurah	19,179	18,819	38,000	4	6	10	84	80	164	66	3	3	3	0	9	9	18	18	36	36	11	85	25	7	5	10	133	80				
Barrackpore	Barrackpore	13,159	12,927	26,086	9	4	13	177	73	250	226	2	2	0	18	18	36	36	72	72	11	85	25	7	5	10	133	80					
Howrah	Howrah	5,045	2,444	7,489	2	1	3	139	126	265	189	13	1	1	1	1	1	1	1	1	1	9	94	94	1	1	1	91	No male deaths.				
Kolkata	Kolkata	13,163	12,927	26,090	10	8	18	169	126	295	189	13	1	1	1	1	1	1	1	1	1	9	94	94	1	1	1	91	No male deaths.				
Bah	Bah	7,858	6,979	14,837	7	7	14	256	126	382	266	3	1	1	1	1	1	1	1	1	1	9	94	94	1	1	1	91	No male deaths.				
Suburbs of Calcutta	Suburbs of Calcutta	147,803	164,334	312,137	43	29	72	101	60	161	161	63	15	2	37	124	12	13	13	13	13	13	175	103	11	10	10	138	310				
Kolkata	Kolkata	13,283	12,214	25,497	3	1	4	50	13	63	75	7	1	1	4	13	1	1	1	1	1	1	175	103	4	1	2	24	75				
Naushahi	Naushahi	4,038	4,655	8,693	2	1	3	80	80	160	160	1	1	1	1	1	1	1	1	1	1	1	175	103	4	1	2	24	75				
Jessore	Jessore	13,706	12,979	26,685	2	1	3	80	80	160	160	1	1	1	1	1	1	1	1	1	1	1	175	103	4	1	2	24	75				
Bahadur	Bahadur	4,430	3,958	8,388	1	1	2	80	80	160	160	1	1	1	1	1	1	1	1	1	1	1	175	103	4	1	2	24	75				
Darjiling	Darjiling	14,766	12,979	27,745	1	1	2	80	80	160	160	1	1	1	1	1	1	1	1	1	1	1	175	103	4	1	2	24	75				
Dacca	Dacca	4,429	3,958	8,387	1	1	2	80	80	160	160	1	1	1	1	1	1	1	1	1	1	1	175	103	4	1	2	24	75				
Chittagong	Chittagong	12,782	12,979	25,761	1	1	2	80	80	160	160	1	1	1	1	1	1	1	1	1	1	1	175	103	4	1	2	24	75				
Tipperah	Tipperah	7,605	4,958	12,563	1	1	2	80	80	160	160	1	1	1	1	1	1	1	1	1	1	1	175	103	4	1	2	24	75				
Patna	Patna	13,340	12,979	26,319	1	1	2	80	80	160	160	1	1	1	1	1	1	1	1	1	1	1	175	103	4	1	2	24	75				
Gya	Gya	8,133	5,353	13,486	1	1	2	80	80	160	160	1	1	1	1	1	1	1	1	1	1	1	175	103	4	1	2	24	75				
Arrah	Arrah	7,762	6,173	13,935	1	1	2	80	80	160	160	1	1	1	1	1	1	1	1	1	1	1	175	103	4	1	2	24	75				
Muzaffarpore	Muzaffarpore	38,290	37,531	75,821	1	1	2	80	80	160	160	1	1	1	1	1	1	1	1	1	1	1	175	103	4	1	2	24	75				
Darbhanga	Darbhanga	20,902	21,502	42,404	1	1	2	80	80	160	160	1	1	1	1	1	1	1	1	1	1	1	175	103	4	1	2	24	75				
Benares	Benares	23,684	23,684	47,368	1	1	2	80	80	160	160	1	1	1	1	1	1	1	1	1	1	1	175	103	4	1	2	24	75				
Monghyr	Monghyr	20,774	20,774	41,548	1	1	2	80	80	160	160	1	1	1	1	1	1	1	1	1	1	1	175	103	4	1	2	24	75				
Purneah	Purneah	20,044	21,846	41,890	1	1	2	80	80	160	160	1	1	1	1	1	1	1	1	1	1	1	175	103	4	1	2	24	75				
Faridkot	Faridkot	20,840	21,813	42,653	1	1	2	80	80	160	160	1	1	1	1	1	1	1	1	1	1	1	175	103	4	1	2	24	75				
Total	Total	1,025,560	1,025,560	2,051,120	1,025,560	1,025,560	2,051,120	1,025,560	1,025,560	2,051,120	1,025,560	1,025,560	1,025,560	1,025,560	1,025,560	2,051,120	1,025,560	1,025,560	1,025,560	1,025,560	1,025,560	1,025,560	2,051,120	1,025,560	1,025,560	1,025,560	1,025,560	1,025,560	2,051,120				

[illegible]

M.D., Deputy Surgeon-General,
Sanitary Commissioner for Bengal.

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,
The 14th June 1886.

The 14th June 1888.

PUBLIC WORKS DEPARTMENT, BENGAL.

IRRIGATION BRANCH.

IRRIGATION OPERATIONS FOR THE OFFICIAL YEAR 1886-87.
Areas leased for Irrigation up to end of April 1886.

CIRCLE.	DISTRICT.	CANAL.	Estimated full discharge.	Average discharge in month.	Discharge utilized.	Animals irrigated during the year up to the same date as end of the month.	Approximate area under irrigation up to the same date as end of the month.	Five years, all crops.	Five years, all crops.	DETAILS OF AREAS LEASED.										REMARKS.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
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										C. ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.	C. ft.		Rubber trees.		Sugar cane.	Bhinda.	Hot weather.	Total.																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
SOUTH-WESTERN.	Cuttack.	Talanda, 1st Reach.	1,841	45	19	40	3,259	13,443	25	1,154	50	1,219	81	62	70,153	85,506</

The 15th June 1886.

D. B. HORN,
Under-Secretary to the Govt. of Bengal.

CIRCULAR AND EASTERN CANALS.

Approximate Return of the Traffic on the Circular and Eastern Canals for the week ending Saturday, the 12th of June 1886.

Number of boats.	Nature of cargo.	Weight of cargo.		Tollage.
		Mds.	Ra.	
218	Rice and paddy	47,405	841	
12	Jute	6,475	96	
145	Firewood	71,059	1,009	
638	Other articles	1,65,900	2,304	
1,053	Total	2,90,830	4,250	

Nalhati State Railway.

Statement showing Increases and Decreases in tonnage of Staples carried over the line during the month of May 1886, as compared with the corresponding period of May 1885.

STAPLES.	1885.		1886.		1885.	1886.	Increase.	Decrease.
	Up.	Down.	Up.	Down.	Total.	Total.		
	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.	Tons.
XXX. 1 & 2. Silk and silk cloth	8	22	...	20	30	20	...	10
XIV. 2. Edible grains	64	8	105	41	70	146	96	...
XXII. 1 & 3. Brass and bell-metal ware	3	2	5	3	5	9	4	...
XXXIII. 1 & 2. Sugar and jaggery	11	...	25	...	11	25	14	...
XXIII. 1. Piece-goods	34	...	57	...	38	57	19	...
VII. Cotton	15	...	9	...	18	9	...	...
XXIX. 1 & 2. Seeds of all sorts	27	1	36	47	24	81	53	...
VI. Coal	190	...	466	...	104	464	364	...
XXXVIII. Sundries	106	37	129	30	143	159	16	...
XXVII. Salt	11	...	10	...	11	10	1	...
XXXVIII. 1. Revenue stores	5	...	8	4	6	13	7	...
Total	396	68	848	162	424	1,013	1,074	17

INCREASE.

	Tons.
Edible grains	96
This increase is due to fair crop in this year.	
Sugar and jaggery	14
This increase is due to fair market price.	
Piece-goods	19
This increase is due to fair market price.	
Seeds of all sorts	53
This increase is due to fair market price of linseed at Calcutta.	
Coal	364
This increase is due to merchants not laying in stock during the rains as they used to do before; also to extensive brick-burning for repairs of buildings damaged by earthquake.	
Sundries	16
This increase is due to less import during the previous months.	

DECREASE.

	Tons.
Silk and silk cloth	10
This decrease is due to low rate.	
Cotton	7
This decrease is due to previous stock not being exhausted.	

Nalhati, the 9th May 1886.

R. G. MOOKERJEE, Manager.

EAST INDIAN RAILWAY.

Statement of Goods Traffic in Staples carried during the 4 weeks ending 24th April 1886, as compared with the same period of 1885.

STAPLES.	1885.		1886.		Increase.		Decrease.	
	Weight.	Freight.	Weight.	Freight.	Weight.	Freight.	Weight.	Freight.
ANIMALS, LIVING	No.	Rs.	No.	Rs.	No.	Rs.	No.	Rs.
	36	541	31	1,252	5	711	56	711
	90	581	281	7,887	191	7,306	987	7,306
	1,404	1,105	2,417	2,017	1,013	912	1,523	912
Horses, ponies, and mules	3,801	3,220	2,114	2,308	1,687	912	1,687	912
Cattle	3	4	4	8	1	4	3	4
Sheep and goats	146	105	108	87	38	18	38	18
Other kinds	5,363,002	5,30,237	6,03,902	2,24,857	676,900	5,363,002	676,900	5,363,002
Bones	17,62,000	2,41,108	17,20,228	2,41,533	413,178	17,62,000	413,178	17,62,000
Canes and rattans	87,205	94,000	75,857	80,402	11,348	87,205	11,348	87,205
Caoutchouc (India-rubber)	0,400	9,745	7,237	8,429	6,829	0,400	6,829	0,400
Chinese and Japanese wares	11,326	6,087	11,219	6,558	108	11,326	108	11,326
Coal and coke, up	2,17,815	2,70,304	19,927	1,70,681	1,21,919	2,17,815	1,21,919	2,17,815
Ditto, down	18,050	13,257	16,382	11,774	5,368	18,050	5,368	18,050
Cotton, raw	306	123	302	113	4	306	4	306
COTTON, MANUFACTURED.	Twist and yarn (European)	1,405	2,327	1,120	1,470	285	1,405	285
	Ditto (Indian)	1,404	1,424	1,383	1,280	21	1,404	21
	Piece-goods (European)	611	629	617	607	12	611	12
	Ditto (Indian)	184	189	189	189	5	184	5
DRUGS AND MEDICINES.	Manjeri or manjit	2,623	1,985	4,090	2,076	1,407	2,623	1,407
	Safflower	18,253	1,110	14,340	9,885	3,913	18,253	3,913
	Turmeric	9,044	5,097	6,564	4,782	2,482	9,044	2,482
	Other kinds	708	1,054	731	1,081	373	708	373
DYING MATERIALS.	Indigo	4,403	2,424	5,374	2,574	971	4,403	971
	Do., manufactured (gunny bags and cloths)	1,10,790	68,232	1,00,154	61,876	1,00,636	1,10,790	1,00,636
	Other fibres, raw	8,341	4,290	1,731	1,051	6,600	8,341	6,600
	Ditto manufactured	2,312	1,103	1,002	1,002	1,310	2,312	1,310
FRUITS & NUTS.	Cocoanuts	7,100	274	1,900	2,381	104	7,100	104
	All other kinds	28,708	34,372	29,422	10,828	8,544	28,708	8,544
	Wholesale	4,53,172	1,39,237	6,34,202	2,48,757	1,95,535	4,53,172	1,95,535
	Grain and pulses	1,88,754	76,731	1,29,731	4,140	56,000	1,88,754	56,000
GRAIN & PULSES.	Rice, husked	6,44,128	97,150	2,35,328	42,315	3,96,700	6,44,128	3,96,700
	Do., unhusked	22,381	5,094	21,142	6,024	1,239	22,381	1,239
	Other grain and spring crops	1,74,052	45,772	1,59,883	59,702	14,170	1,74,052	14,170
	Gums and resins	5,497	8,257	6,539	3,142	1,115	5,497	1,115
HIDES & SKINS.	Hides of cattle	69,316	84,310	64,550	37,035	24,861	69,316	24,861
	Skins of sheep, goats, and small animals	31,374	6,955	9,676	4,676	2,790	31,374	2,790
	Horsemans	1,485	811	1,586	744	107	1,485	107
	Lac	369	176	18,746	17,652	839	369	839
LEATHER.	Do. shell	16,809	11,800	15,811	4,712	1,740	16,809	1,740
	Do. stick and other kinds	11,176	4,641	1,013	2,000	4,745	11,176	4,745
	Leather, unmanufactured	1,439	2,002	1,882	2,481	642	1,439	642
	Ditto, manufactured	2,447	8,183	14,305	13,660	4,823	2,447	4,823
LIQUORS.	Mal	19,310	17,860	14,305	13,660	4,823	19,310	4,823
	Brass and copper	205	170	314	170	64	205	64
	Iron	31,044	28,549	27,456	27,456	4,189	31,044	4,189
	Other metals	68,274	81,000	74,124	61,544	1,956	68,274	1,956
MANUFACTURES.	Other metals	8,786	9,386	6,154	7,243	2,542	8,786	2,542
	Oils	29,298	15,948	14,087	6,105	10,312	29,298	10,312
	Opium	89,755	13,147	31,415	18,365	1,085	89,755	1,085
	Paints and colours	1,877	1,574	1,889	1,385	494	1,877	494
PROVISIONS.	Ghee	20,343	23,016	23,559	21,195	1,790	20,343	1,790
	Other kinds	4,344	4,454	3,539	8,529	4,189	4,344	4,189
	Railway materials, Construction Account	38,065	4,571	79,445	21,240	41,343	38,065	41,343
	Ditto	44,115	94,068	8,19,602	2,10,183	1,66,179	44,115	1,66,179
SALT.	Balt	4,87,494	25,300	5,87,807	47,134	1,00,070	4,87,494	1,00,070
	Other saline substances	69,477	25,344	74,403	32,836	12,520	69,477	12,520
	Mustard and rape	11,12,127	8,43,513	9,22,257	3,29,645	1,90,840	11,12,127	1,90,840
	Oil	4,15,081	1,14,394	4,46,619	1,40,854	81,000	4,15,081	81,000
SEEDS.	Til or argolly	22,517	7,703	16,227	6,803	8,240	22,517	8,240
	Other oil-seeds	1,34,344	40,439	1,44,581	41,769	10,890	1,34,344	10,890
	Indigo seed	12,122	4,924	28,142	4,874	3,952	12,122	3,952
	Tea-seed	44,007	25,610	33,907	19,770	10,040	44,007	10,040
SILK.	Do., raw	1,004	1,813	1,432	1,452	381	1,004	381
	Do., manufactured (European)	279	840	311	281	60	279	60
	Ditto (Indian)	18,330	12,700	14,101	8,039	3,863	18,330	3,863
	Stones and marble	1,00,000	15,825	8,018	15,072	1,507	1,00,000	1,507
SUGAR.	Sugar, refined	2,29,219	54,490	1,72,835	34,804	48,444	2,29,219	48,444
	Do., unrefined	2,65,078	66,344	2,18,116	68,821	41,741	2,65,078	41,741
	Tea, Indian	1,341	1,390	1,185	1,284	205	1,341	205
	Do., Foreign	14,603	44,344	1,01,179	81,376	39	14,603	39
TOBACCO.	Timber	40,611	17,766	44,785	14,950	3,974	40,611	3,974
	Firewood	85,453	3,151	41,000	2,704	547	85,453	547
	Wool, raw	1,032	1,595	2,121	2,101	169	1,032	169
	Do., manufactured (European)	251	208	194	630	57	251	57
WOOL.	Wool, manufactured (Indian)	1,178	741	1,303	790	120	1,178	120
	Shrews	2,79,009	1,71,672	2,54,507	1,72,102	4,395	2,79,009	4,395
	Government stores	25,301	61,712	32,355	61,427	7,063	25,301	7,063
	Minerals	1,02,222	21,258	61,520	20,974	294	1,02,222	294
Total	62,06,089	37,67,240	78,40,370	25,00,804	10,89,566	3,43,166	7,04,009	4,44,720

ALLEN MEARS,
Dy. Traffic Manager.

JAMALPORE, the 10th June 1886.

General Remarks on the fluctuation of principal staples carried over the East Indian Railway during month ended 24th April 1886.

INCREASES.

Coal and Coke.—The increase in the upward coal was due to demands for the Oudh and Rohilkhand and Tirhoot State Railways, and that in the downward coal for the Eastern Bengal State Railway and for brick-burning purposes.

Cotton.—Good crops and favourable prices in Calcutta led to increased despatches to Howrah for export.

Piece-goods (European).—The traffic in this staple in this period last year fell off considerably owing to the rumours of a war on the frontier; this year there has been a brisk demand for piece-goods, chiefly from the North-Western Provinces, Behar and Tirhoot, hence this increase.

Turmeric.—This increase was chiefly in the despatches from Patna to Punjab and the North-Western Provinces owing to good demand by the natives.

Bricks.—This includes chiefly hotel-huts and myrahams, and the increase in the former is due to native marriage ceremonies and the generally improved condition of the country; the increase in myrahams is attributable to demands in the Bombay and Calcutta markets.

Gram and Pulses.—A brisk demand in Calcutta accounts for this increase.

Rice (husked and unhusked).—Due to a plentiful harvest and a favourable market.

Other rain and spring crops.—Low prices and a brisk demand account for the increase under this head.

Oil.—This increase was chiefly in kerosine oil from Howrah to the mofussil, where the demand for the oil is daily spreading.

Sugar and Jaggree.—Due to large despatches from the Shahabad district to Agra and Cawnpore where the demand was brisk.

DECREASES.

Wheat.—Due to small arrivals consequent on the season having closed early and the new wheat not being in the market.

Lac.—A dull market at Calcutta accounts for this decrease at Mirzapur.

Iron.—The decrease was in 1st and 2nd class iron from Howrah owing to a want of demand and also to the river steamers taking 1st class iron at very low rates of freight.

Railway material (Foreign).—This is assignable to large despatches of material last year for the construction of the Bolan Pass railway; this year there has been no demand.

Salt.—This staple shows an increase in the weight carried attended with a decrease in freight, the increase in weight was in the despatches from Howrah and from *via* Agra and Delhi, and the very low competitive rates quoted by us account for the decrease in earnings.

Seeds.—In this staple also there has been an increase in the weight carried and a decrease in receipts. Short leads and low rates of freight account for this result.

Tobacco.—A dull market is assigned as the cause for the decrease in this commodity.

Government Stores.—Heavy despatches were made for the North-Western frontier at this period last year, but there have been no despatches this year.

ALLEN MEARS, Deputy Traffic Manager.

TRAFFIC MANAGER'S OFFICE, JAMALPUR, the 9th June 1886.

Weekly Return of Traffic Receipts on Indian Railways.

DACCA STATE RAILWAY.

Approximate Return of Traffic for week ended 29th May 1886 on 86 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAFF-MILES R.R.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
	N.	Rs. A. P.	Mds. c.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	9,579	3,125 0 0	57,838 0	5,254 0 0	863 0 0	9,274 0 0	950	1,722	2,672
Percentage of railway	111	36 0 0	607 0	62 0 0	10 0 0	104 0 0	11	28	31
Proportion 21 weeks of half-year	189,964	55,113 0 0	1,87,632 0	23,311 0 0	4,944 0 0	63,278 0 0*	12,890	37,389	50,279
Total for 21 weeks	190,573	55,238 0 0	1,88,000 0	23,607 0 0	5,007 0 0	63,532 0 0	12,910	37,691	50,601
COMPARISON.									
Total for corresponding week of previous year	4,293	574 14 8	1,16,233 0	1,805 15 4	20 0 0	2,405 14 0	272	1,451	1,694
Percentage of railway correspond- ing week of previous year	429	57 15 10	11,637 0	180 9 6	2 0 0	240 9 4	27	142	169
Total to corresponding date of previous year	108,040	14,419 5 4	25,37,337 0	27,448 6 2	464 11 0	43,333 6 0	5,786	20,961	26,747

* Corrected by actuals up to week ending 24th April 1886.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Dacca State Railway.

RECEIPTS FOR WEEK ENDING 30th MAY 1885.			RECEIPTS FOR WEEK ENDING 29th MAY 1886.			TOTAL RECEIPTS FROM 1st APRIL 1885 TO 30th MAY 1885.			TOTAL RECEIPTS FROM 1st APRIL 1886 TO 29th MAY 1886.			Total increase in 1886.	Total decrease in 1886.
Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.		
Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.
2,400	241	86	9,274	103	10	17,678	190	86	61,257	63*	24,679	.....	.....

* Corrected by actuals up to week ending 24th April 1886.

DACCA STATE RAILWAY.

Approximate Return of Traffic for the week ended 5th June 1886 on 88 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. c.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	9,415	3,178 0 0	4,907 0	479 0 0	71 0 0	3,698 0 0	860	1,771	2,631
Or per mile of railway	115	37 0 0	56 0	5 0 0	1 0 0	43 0 0	11	20	31
For previous 22 weeks of half-year	189,274	58,298 0 0	1,44,960 0	33,607 0 0	5,807 0 0	39,414 0 0	17,910	30,991	48,901
Total for 23 weeks	209,489	61,410 0 0	1,49,927 0	33,946 0 0	5,878 0 0	39,824 0 0	18,970	32,982	51,952
COMPARISON.									
Total for corresponding week of previous year	5,834	639 6 7	1,33,958 0	1,701 3 0	18 7 0	2,339 0 7	212	1,319	1,531
Per mile of railway corresponding week of previous year	66	73 15 1	15,330 0	170 1 11	1 13 6	235 14 6	27	128	155
Total to corresponding date of previous year	114,119	10,058 11 11	26,91,895 0	29,140 8 8	443 2 0	40,601 6 1	6,000	27,400	33,400

* Corrected by actuals up to week ending 24th April 1886.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Dacca State Railway.

RECEIPTS FOR WEEK ENDING 5TH JUNE 1886.			RECEIPTS FOR WEEK ENDING 4TH JUNE 1885.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 5TH JUNE 1885.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 5TH JUNE 1886.			Total increase in 1886.	Total decrease in 1886.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	P.		Rs.	P.		Rs.	P.		Rs.	P.	Rs.	P.
10	2,539	230	68	3,088	45	10	30,057	201	55	42,940*	53	20,908	.....

* Corrected by actuals up to week ending 24th April 1886.

KAUNIA AND DHURLLA STATE RAILWAY.

Approximate Return of Traffic for week ended 20th May 1886 on 87 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. c.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	1,918	781 0 0	3,350 0	190 0 0	1,037 0 0	2,017 0 0	238	380	618
Or per mile of railway	22	9 0 0	38 0	2 0 0	12 0 0	14 0 0	3	4	7
For previous 21 weeks of half-year	40,612	16,377 0 0	41,780 0	4,160 0 0	22,536 0 0	28,696 0 0	5,394	5,274	10,668
Total for 22 weeks	42,731	17,158 0 0	44,080 0	4,365 0 0	23,573 0 0	29,936 0 0	5,632	5,554	11,186
COMPARISON.									
Total for corresponding week of previous year	1,230	907 0 0	1,230 0	130 0 0	1,234 0 0	2,368 0 0	209	250	459
Per mile of railway corresponding week of previous year	14	10 0 0	14 0	1 0 0	14 0 0	27 0 0	2	3	5
Total to corresponding date of previous year	30,418	20,000 0 0	40,357 0	6,612 0 0	33,351 0 0	40,204 0 0	6,550	6,000	12,550

* Corrected by audited figures up to week ending 17th April 1886.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Kaunia and Dhurlla State Railway.

RECEIPTS FOR WEEK ENDING 20TH MAY 1886.			RECEIPTS FOR WEEK ENDING 20TH MAY 1885.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 20TH MAY 1885.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 20TH MAY 1886.			Total increase in 1886.	Total decrease in 1886.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	P.		Rs.	P.		Rs.	P.		Rs.	P.	Rs.	P.
27	2,568	62	37	2,017	55	37	20,061	75	27	18,195*	55	.....	.....

* Corrected up to the latest possible date by actuals.

KAUNIA AND DHARLLA STATE RAILWAY.

Approximate Return of Traffic for the week ending 5th June 1886 on 37 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Traffic for the week	1,918	806 0 0	1,500 0	144 0 0	1,004 0 0	3,057 0 0	259	259	518
per mile of railway	52	22 0 0	41 0	4 0 0	.....	26 0 0	7	7	14
for previous 52 weeks of half-year	42,751	19,191 0 0	64,099 0	4,175 0 0	30,892 0 0	54,366 0 0	5,315	5,535	11,040
Total for 52 weeks	44,669	20,000 0 0	65,600 0	4,317 0 0	31,896 0 0	56,313 0 0	5,772	5,792	11,564
COMPARISON.									
Traffic for corresponding week of previous year	1,812	946 0 0	1,439 0	260 0 0	1,459 0 0	2,645 0 0	259	259	518
per mile of railway correspond- ing week of previous year	50	26 0 0	39 0	5 0 0	.....	32 0 0	7	7	14
total to corresponding date of previous year	37,725	22,011 0 0	49,776 0	5,682 0 0	38,790 0 0	72,463 0 0	5,906	5,899	11,805

* Corrected by audited figures up to week ending 24th April 1886.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Kania and Dharlla State Railway.

RECEIPTS FOR WEEK ENDING 5TH JUNE 1886.			RECEIPTS FOR WEEK ENDING 5TH JUNE 1885.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 5TH JUNE 1885.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 5TH JUNE 1886.			Total increase in 1886.	Total decrease in 1886.
Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.		
Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.
2,645	72	37	1,937	53	37	27,726	75	37	20,111*	54	.....	.....	7,615

* Corrected up to the latest possible date by actuals.

NORTHERN BENGAL STATE RAILWAY.

Approximate Return of Traffic for week ended 29th May 1886 on 249 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. s.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Traffic for the week	10,344	17,750 0 0	2,21,932 0	36,400 0 0	6,310 0 0	61,360 0 0	5,436	10,836	16,272
per mile of railway	78	71 0 0	891 0	146 0 0	.....	247 0 0	22	43	65
for previous 52 weeks of half-year	395,707	3,04,398 0 0	22,50,538 0	6,13,667 0 0	95,118 0 0	10,16,074 0 0	1,05,697	196,363	232,060
Total for 52 weeks	410,051	3,22,118 0 0	22,72,510 0	6,40,007 0 0	1,04,389 0 0	10,76,416 0 0	1,11,133	197,219	208,352
COMPARISON.									
Traffic for corresponding week of previous year	15,626	12,514 10 11	1,33,840 0	13,315 10 0	5,073 5 8	41,203 14 1	4,430	7,325	11,755
per mile of railway correspond- ing week of previous year	63	40 7 4	538 0	53 8 3	.....	165 11 1	22	29	51
total to corresponding date of previous year	350,517	2,97,845 10 4	23,50,000 0	4,50,743 3 6	76,900 0 0	8,18,513 6 10	1,10,464	200,086	317,150

* Corrected by actuals up to week ending 17th April 1886.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Northern Bengal State Railway.

RECEIPTS FOR WEEK ENDING 29TH MAY 1886.			RECEIPTS FOR WEEK ENDING 29TH MAY 1885.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 29TH MAY 1885.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 29TH MAY 1886.			Total increase in 1886.	Total decrease in 1886.
Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.		
Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.
41,364	165	249	40,340	245	249	3,36,339	146	249	4,00,145*	179	.....	73,744	.....

* Corrected by actuals up to week ending 17th April 1886.

NORTHERN BENGAL STATE RAILWAY.

Approximate Return of Traffic for the week ended 5th June 1886 on 240 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week	18,497	15,040 0 0	1,36,399 0	20,290 0 0	3,500 0 0	27,000 0 0	8,436	9,670	18,106
Or per mile of railway	77	62 0 0	568 0	84 0 0	14 0 0	112 0 0	35	40	75
For previous 22 weeks of half-year	415,010	3,15,762 9 8	28,72,519 0	6,48,978 0 0	1,04,890 0 0	10,77,830 0 0	111,133	197,211	308,344
Total for 22 weeks	433,507	3,30,802 0 0	29,08,918 0	6,69,268 0 0	1,08,390 0 0	11,18,000 0 0	119,569	206,881	326,450
COMPARISON.									
Total for corresponding week of previous year	16,321	12,240 18 5	81,732 0	20,121 11 0	2,804 13 4	33,197 7 9	5,436	6,120	11,556
Per mile of railway corresponding week of previous year	68	49 2 7	328 0	80 14 10	11 0 0	136 1 0	21	25	46
Total to corresponding date of previous year	385,838	3,00,096 9 9	24,21,302 0	4,70,800 14 0	82,714 0 4	8,63,710 14 7	121,920	209,815	331,735

* Corrected by actuals up to week ending 24th April 1886.

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Northern Bengal State Railway.

RECEIPTS FOR WEEK ENDING 6TH JUNE 1885.			RECEIPTS FOR WEEK ENDING 6TH JUNE 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 5TH JUNE 1885.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 5TH JUNE 1886.			Total increase in 1886.	Total decrease in 1886.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
240	35,197	141	240	37,830	149	240	3,51,596	146	240	4,14,380*	176	75,783	—

* Corrected by actuals up to week ending 24th April 1886.

TIRHOOT STATE RAILWAY.

Approximate Return of Traffic for the week ending 5th June 1886 on 246 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated).	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. S.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Total traffic for the week on 246 miles open	38,719†	12,985 18 11	1,80,734 0	15,954 0 2	3,100 10 1	22,020 10 2	8,414	2,559	10,973
Or per mile of railway	157	52 7 0	735 0	64 14 0	12 5 0	89 8 0*	34	10	44
For previous 22 weeks of half-year	750,904†	2,61,000 0 1	27,93,720 0	2,78,158 15 10	60,606 5 11	6,00,191 5 10	100,766	190,180	290,946
Total for 22 weeks	789,623	2,73,982 0 0	28,74,459 0	2,84,123 0 0	64,127 0 0	6,52,212 0 0	106,180	194,433	290,613
COMPARISON.									
Total for corresponding week of previous year	32,042†	8,914 2 3	1,01,283 50	17,452 18 6	3,443 5 10	29,810 5 6	4,030	8,121	12,151
Per mile of railway (corresponding week of previous year)	129	36 7 0	414 0	71 4 0	14 0 0	121 4 0*	16	33	49
Total to corresponding date of previous year	656,635†	2,40,305 10 11	24,86,314 10	2,83,154 10 8	76,715 15 10	6,01,176 5 0	96,440	171,457	267,897

* Steam-belt earnings excluded in calculating "Total earnings per mile of railway."

FINANCIAL YEAR.

Approximate Statement of gross receipts of the Tirhoot State Railway, prepared in accordance with Public Works Department Circular No. XXV. Railway, dated 23rd July 1885.

RECEIPTS FOR WEEK ENDING 6TH JUNE 1885.			RECEIPTS FOR WEEK ENDING 6TH JUNE 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 5TH JUNE 1885.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 5TH JUNE 1886.			Total increase in 1886.	Total decrease in 1886.
Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.		
	Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.	Rs.	Rs.
246	20,810	132	246	22,001	130	246	2,80,929	1,320	246	3,02,315	1,229	21,394	—

EASTERN BENGAL STATE RAILWAY.

Approximate Return of Traffic for the week ended 5th June 1886 on 234 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated) including steam boat.	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. c.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Traffic for the week	122,487	26,987 0 0	2,76,920 0	58,595 0 0	6,383 0 0	81,916 0 0	10,000	6,179	16,179
Per mile of railway	523	187 0 0	1,188 0	250 0 0	27 0 0	353 0 0	42	26 0 0	68 0 0
During 51 weeks of half-year	1,078,734	6,31,249 0 0	84,04,285 0	1,06,106 0 0	1,22,458 0 0	1,19,10,822 0 0	226,268	202,900	429,168
Total for 51 weeks	2,101,231	6,41,195 0 0	86,81,205 0	1,07,202 0 0	1,28,841 0 0	10,00,738 0 0	226,268	202,900	429,168
COMPARISON.									
Total for corresponding week of previous year (audited)	83,043	55,421 0 0	2,33,070 0	53,354 0 0	6,515 0 0	75,220 0 0	11,171	7,775	18,946
Per mile of railway corresponding period of previous year	356	152 0 0	1,099 0	233 0 0	28 0 0	295 0 0	44	32 0 0	76 0 0
Total to corresponding date of previous year	2,167,031	9,94,751 0 0	80,33,968 0	6,71,222 0 0	4,62,232 0 0	33,18,185 0 0	229,578	186,190	415,768

* Audited up to week ending 17th April 1886.

FINANCIAL YEAR.

Approximate Statement of Gross Receipts of the Eastern Bengal State Railway.

RECEIPTS FOR WEEK ENDING 5TH JUNE 1885.			RECEIPTS FOR WEEK ENDING 5TH JUNE 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 5TH JUNE 1885.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 5TH JUNE 1886.			Total increase in 1886-87.	Total decrease in 1886-87.
Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Rs.	Rs.
Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.
75,220	323	234	81,916	350	234	7,58,222	3,429	234	7,01,836*	3,383	...	...	6,566

* Audited up to week ending 17th April 1886.

BENGAL CENTRAL RAILWAY.

Approximate Return of Traffic for week ended 5th June 1886 on 126 miles open.

	COACHING TRAFFIC.		MERCHANDISE AND MINERAL TRAFFIC.		Other earnings (estimated.)	Total earnings.	TRAFFIC TRAIN-MILES RUN.		
	Number of passengers.	Coaching receipts.	Weight carried.	Receipts.			Coaching.	Merchandise.	Total.
		Rs. A. P.	Mds. c.	Rs. A. P.	Rs. A. P.	Rs. A. P.			
Traffic for the week	31,346	5,804 0 0	21,034 0	1,444 0 0	16 0 0	10,563 0 0	3,584	1,024	5,210
Per mile of railway	248	71 0 0	167 0	11 0 0	...	82 0 0	...	...	...
During 51 weeks of half-year	506,167	1,79,227 0 0	7,82,001 0	48,214 0 0	532 0 0	2,36,023 0 0	78,165	34,311	112,476
Total for 51 weeks	1,534,513	1,88,131 0 0	7,78,627 0	47,658 0 0	597 0 0	2,76,384 0 0	81,731	36,038	117,769
COMPARISON.									
Total for corresponding week of previous year (audited)	23,822	7,384 0 0	24,848 0	1,934 0 0	33 0 0	9,681 0 0	4,335	1,283	1,375
Per mile of railway corresponding period of previous year	180	60 0 0	197 0	16 0 0	...	76 0 0	...	...	...
Total to corresponding date of previous year	522,654	1,94,259 0 0	5,74,362 0	38,003 0 0	779 0 0	2,33,191 0 0	83,705	33,796	117,501

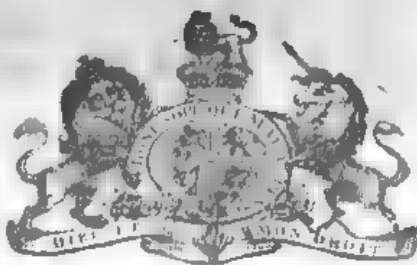
* Audited up to week ending 17th April 1886.

FINANCIAL YEAR.

Approximate Statement of Gross Receipts of the Bengal Central Railway.

RECEIPTS FOR WEEK ENDING 5TH JUNE 1885.			RECEIPTS FOR WEEK ENDING 5TH JUNE 1886.			TOTAL RECEIPTS FROM 1ST APRIL 1885 TO 5TH JUNE 1885.			TOTAL RECEIPTS FROM 1ST APRIL 1886 TO 5TH JUNE 1886.			Total increase in 1886-87.	Total decrease in 1886-87.
Receipts.	Per mile worked.	Mean mileage worked.	Receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Total receipts.	Per mile worked.	Mean mileage worked.	Rs.	Rs.
Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.		Rs.	Rs.
23,822	76	126	10,563	83	126	95,849	761	126	96,032*	775	...	2,183	...

* Audited up to week ending 17th April 1886.



SUPPLEMENT TO The Calcutta Gazette.

WEDNESDAY, JUNE 23, 1886.

OFFICIAL PAPERS.

Non-Subscribers to the GAZETTE may receive the SUPPLEMENT separately on payment of Six Rupees per annum if delivered in Calcutta, or Twelve Rupees if sent by Post.

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LIBERALITY OF BABOO HURIHUR INDUR SAHAI.

GENERAL DEPARTMENT.—EDUCATION.

Darjeeling, the 18th June 1886.

RESOLUTION.

READ—

A letter from the Commissioner of the Patna Division, No. 341G, dated the 28th May 1886, reporting, for the information of Government, that Baboo Hurihur Indur Sahai, a resident of Manjha, in the district of Sarun, has contributed Rs. 5,000 towards the cost of construction of the "Thompson Goutama Patshala" building in the Revolunge Municipality, and has also made a free gift to the school of his share of the land on which it is built.

The Lieutenant-Governor tenders his thanks to Baboo Hurihur Indur Sahai for his liberal donation in the cause of education.

ORDER.—Ordered that this Resolution be published in the *Calcutta Gazette*, and that copies of it be forwarded to the Commissioner of the Patna Division for information and for communication to Baboo Hurihur Indur Sahai, and to the Director of Public Instruction, for information.

By order of the Lieutenant-Governor of Bengal,

P. NOLAN,

Offg. Secretary to the Govt. of Bengal.

TRANSFER OF THE MANAGEMENT OF CERTAIN GOVERNMENT COLLEGES TO LOCAL BODIES.

GENERAL DEPARTMENT—EDUCATION.

Darjeeling, the 18th June 1886.

RESOLUTION.

Read—

Letter No. 7102, dated 7th November 1885, from the Officiating Director of Public Instruction, Bengal.

Letter No. 2877, dated 29th April 1886, from the Officiating Director of Public Instruction, Bengal.

Re-read—

Paragraph 10 of the Resolution of the Government of India, in the Home Department, No. 1—60, dated the 3rd February 1882 (under which Resolution the Education Commission of 1882-83 was appointed). Recommendations on the subject of the transfer of the management of certain Government Colleges to the local bodies, contained in Chapter VIII, section 10 of the Report of the Education Commission, and the Resolution of the Government of India, Home Department, thereon, No. 10—309, dated the 23rd October 1884.

Paragraphs 16 and 17 of letter No. 2285T—G, dated 25th September 1884, from the Government of Bengal, addressed to the Government of India, on the subject of the Report of the Education Commission.

Paragraphs 13 and 33 of Resolution No. 10—309, dated 23rd October 1884, by the Government of India, in the Home Department, on the above-named Report.

Paragraph 4 of letter from the Government of India, in the Home Department, No. 328C, dated 28th October 1884.

Paragraph 2 of letter No. 9427, dated 30th December 1884, from Mr. C. B. Clarke, Officiating Director of Public Instruction, Bengal.

Paragraph 7 of letter No. 229, dated 15th June 1885, from the Government of Bengal, addressed to the Director of Public Instruction, Bengal.

The Government of India, in the Resolution appointing the Education Commission of 1882, expressed a desire to offer every encouragement to native gentlemen interested in the subject to come forward and assist even more extensively than they had done previously in the cause of public instruction, considered necessary to secure that freedom and variety which are essential conditions in any sound and complete educational system. The Resolution continues:—

“The Government is ready therefore to do all that it can to foster such a spirit of independence and self-help. It is willing to hand over any of its own colleges or schools in suitable cases to bodies of native gentlemen who will undertake to manage them satisfactorily as aided institutions; all that the Government will insist upon being that due provision is made for efficient management and extended usefulness. It will be for the Commission to consider in what mode effect can most fully be given to these views, and how the grant-in-aid system may best be shaped so as to stimulate such independent effort, and make the largest use of the available Government funds.”

2. The Education Commissioners, in discussing the subject, observed that if, as had been shown, private enterprise even now produces results which are found by ordinary tests to be by no means unsatisfactory, and produces them at an average cost in colleges of one-eighth, and in secondary schools of one-fourth the amount spent on each pupil in departmental institutions, it does not seem unreasonable to hope that it will at some future period meet all, or all except the very highest, educational wants of the community at an expense to public funds that will be little more than nominal. They were in favour of a gradual and cautious withdrawal of the State from the immediate management, as distinguished from the control, of colleges, and their specific recommendations were as follows:—

“That in dealing with the question of the withdrawal of Government from the management of existing colleges, these colleges be regarded as divided into three classes, viz.—

- (1) Those from which it is premature for Government to consider the propriety of withdrawal on the ground that they are, and will long continue to be, the institutions on which the higher education of the country mainly depends.
- (2) Those that might be transferred with advantage, as a measure promising useful political results, to bodies of native gentlemen, provided the new managers give satisfactory guarantees that the colleges will be maintained (a) permanently, (b) in full efficiency, (c) in such a way as to make it adequate for all the wants of the locality.

- (8) Those which have been shown to be unsuccessful, or of which the cost is not of proportion to the utility, and from which Government might advantageously withdraw even with less stringent guarantees for permanent efficiency. Such colleges should be closed if, after due notice, no local body be formed to carry them on with such a grant-in-aid as the rules provide."

* * * We have therefore no hesitation in recommending that the Government of Bengal be requested to consider the propriety of dealing with the Rajshahye and Krishnagar Government colleges on the principle applicable to the second class, and with the colleges at Berhampore, Midnapore, and Chittagong on the principles applicable to the third class, as suggested by the Bengal Provincial Committee.

8. In the Resolution recorded by the Government of India in the Home Department, under date the 23rd October 1884, on the report of the Commission, it stated that—

"The Government of India accepts the cautious and well considered proposals of the Commission on the subject of the gradual withdrawal of the Government from the charge of institutions of a high order, and especially from colleges. These recommendations are quite in accordance with the policy of Government as explained in paragraph 10 of the Resolution appointing the Commission. It is left to the Local Governments to give effect to the recommendations on this subject gradually and as local circumstances permit. It is, as has been repeatedly declared, in no degree the wish of the Government of India to discourage high education in any way whatever. On the contrary, it believes it to be one of its most important duties to spread and foster it. What it specially, however, desires is to secure assistance to the limited funds of the State by calling forth every available private agency in connection with every branch of public instruction. It is in connection with high education, and in view of the direct pecuniary advantages which it holds out to those who follow it, that the Government thinks it can most properly insist on the fullest development of the principle of self-help."

4. The Lieutenant-Governor took an early opportunity of intimating his agreement with the views expressed upon this subject by the Commission, and of instituting enquiries with a view to give practical effect to their recommendations. An application recently received from Narail, in the district of Jessore, for the establishment at that place of a college on the grant-in-aid system, is receiving the favourable consideration of Government, and it is hoped that such an institution upon an independent basis will be opened before the end of the current year. The colleges of Rajshahye and Krishnagar will be transferred only in case any body of native gentlemen can give adequate guarantees for permanent and efficient management, and as yet no arrangement under such conditions has been possible. It has been represented, with regard to Chittagong, that the town is so isolated and cut off from other centres of education that there are good reasons for maintaining a college in it, whether a local body comes forward to undertake the management or not. In all these cases, while inviting offers from residents of position, it is necessary to wait until public opinion has matured, and the change recommended can be effected with the cordial co-operation of all concerned. In the meantime attention of public officers is drawn to the following passage in the report of the Commission as indicating the attitude they should at present adopt:—

"Of course a Director has no means of compelling private parties to come forward, and in ordinary cases we are not prepared to recommend the closing of departmental institutions which local effort is not willing to provide for. But a Director, and still more a Government, can do much to influence public opinion, and patient persistence in carrying out the policy of withdrawal whenever a suitable opportunity occurs will doubtless make it generally felt in course of time that all should co-operate in such measures who are capable of taking broad and comprehensive views of popular education and its true necessities."

5. The Midnapore College dates its existence from January 1873, when the people of the district, with much public spirit, subscribed a sum of Rs. 60,000 for the purpose of improving the status of the zillah school; and in consideration of this fact Sir George Campbell, in sanctioning the establishment of the college and law classes, fixed the Government grant at Rs. 3,000 a year for the following five years. These classes were to be maintained from a sum of Rs. 3,000 representing interest on endowments, and fees estimated at Rs. 1,200, the Government grant of Rs. 3,000 being devoted to defraying the expenses of the school department alone. The charges properly debitable to the college largely exceeded the estimated Rs. 4,200; and on a redistribution of the expenditure between the two departments in 1878, it was ascertained that, while the College Department was working at a loss of Rs. 1,600 a year,

there was an annual profit in the School Department of over Rs. 3,000. The Government grant was then redistributed, Rs. 2,000 being assigned to the college and Rs. 1,000 to the school. The limit of Rs. 2,000 for the college, however, was not very strictly observed, and the Government contribution to the College Department increased, with increase of expenditure, from Rs. 2,077-1-4 in 1880-81 to Rs. 2,850-2-8 in 1883-84. In 1884-85 large reductions were effected, and the Government grant dropped to Rs. 628-8-6 in that year, and to Rs. 406-15-7 in 1885-86. The receipts from interest on endowments and from fees in 1885-86 were Rs. 2,912-10 and Rs. 1,649-11 respectively, or Rs. 4,562-5 together; and as the total expenditure was only Rs. 4,969-4, it appears that the income from these two sources is almost sufficient to meet all the current expenses of this college, the amount contributed by Government during the past year having amounted to little more than 8 per cent. of the whole receipts.

6. The School Department of this institution, known as the Midnapore Collegiate School, has hitherto received a fixed annual grant of Rs. 1,000; and its total income, including the grant, in 1885-86 was Rs. 7,282-1, while the expenditure amounted to Rs. 6,813-14-3. The Municipal Commissioners of Midnapore have now offered to take over the management of the Midnapore College without making any reference to the school; but it has been strongly urged by the District School Committee, whose arguments are emphatically endorsed by the Inspector of Schools and the Director of Public Instruction, that the collegiate school should go with the college. It is represented that they are in fact two departments of one institution, sharing the expenses of a common establishment, viz. the head pundit, the clerk, the librarian, and menial servants; sharing also the same library, and working on the same premises. It is clear to the Lieutenant-Governor that, under these circumstances, division of management would only lead to grave inconveniences; and there appears to be no objection to transferring the school, as well as the college, to local management. The Education Commission recommended that all Directors of Public Instruction should aim at the gradual transfer to native management of Government schools of secondary instruction (including schools attached to first or second grade colleges), whenever the transfer could be effected without lowering the standard or diminishing the supply of education, and without endangering the permanence of the institution transferred. The Commission further advised that the experiment should begin with schools which had already won a high position, and laid down the following test:—"The fact that any school raises more than 60 per cent. of its entire expenditure from fees to be taken as affording a presumption that the transfer of such school to local management can be safely effected." This test, which was accepted as reasonable by the Lieutenant-Governor, has been fully satisfied in the case of the Midnapore Collegiate School.

7. The average sum required from Government by the college during the last two years has been Rs. 514; but the Lieutenant-Governor recognises the fact that the expenditure, especially on contingencies, must vary from year to year, and to provide for possible increases he is willing to allow a net grant of Rs. 600 to the College Department. He is also prepared to continue the present grant of Rs. 1,000 to the School Department. Both grants will be made for three years, after which period they will, if necessary, be revised.

8. The Lieutenant-Governor is assured that the Midnapore Municipality, or a body constituted under section 64 of the Local Self-Government Act, 1885, will be willing to assume the management of both the college and school on the terms above indicated. The Lieutenant-Governor therefore will be glad if the Director of Public Instruction will take the earliest opportunity of giving effect to the transfer of the double institution on the conditions stated in the present Resolution.

9. The Berhampore College was first opened in 1853. It was raised in 1865 to the status of a full college teaching the B.A. course, but in 1872 it was reduced to a lower class, teaching only up to the F.A. standard, on the ground that the Calcutta and Hooghly Colleges would suffice for such of the Berhampore students as might desire a more complete education. In 1879 it was noticed, in the Government Resolution on the Educational Report for 1878-79, that the number of students had fallen to 32, and that each of these cost the Government

Rs. 605 a year—about twice the average expense at a Government college. The question of the abolition of the institution was then taken into consideration; but although it appeared that this step would set free funds which might probably have been employed elsewhere with greater benefit to the educational needs of the province, the Government was unwilling, having regard to the past history of the college, and the feeling of the people of Moorshedabad on the subject, to adopt the extreme measure of final closure. The opportunity was, however, taken to make certain changes in the establishment with the view of at once increasing efficiency and diminishing expenditure. The effect of these reforms was to reduce the cost of education to a nearer approximation to the provincial average, and in 1884-85 the average total cost of educating each scholar was Rs. 378, the cost to Government being Rs. 253.

10. The number of students at the Berhampore College continues to be much the same as in 1878-79, and the proportion of the expense of their education borne by the State is still excessive. The monthly cost of maintaining the institution is Rs. 1,185, and the income derived exclusively from fees is only Rs. 167. In this case no direct offer has as yet been received from any local body to take over the charge of the institution, but it is understood that proposals for that purpose may soon be made. Government will be prepared to give to any responsible and suitable managers the maximum grant-in-aid allowed by the rules, and to make over considerable endowment funds for a hostel, as well as for buildings and for scholarships in connection with the college. There is a school attached to the college, the management of which should be transferred at the same time and on the same conditions.

11. In pursuance of the policy indicated by the Education Commission, and affirmed by the Government of India, it will be necessary, in the Lieutenant-Governor's opinion, to close the Midnapore and Berhampore Colleges if no arrangement can be made before the 1st of May 1887 for the transfer of their charge. It is thus left to those interested to determine for themselves whether these institutions shall continue to exist, and the Lieutenant-Governor confidently anticipates that the public spirit and interest in high education, for which both the important districts immediately affected are remarkable, will be found equal to the occasion.

By order of the Lieutenant-Governor of Bengal,

P. NOLAN,

Offg. Secretary to the Government of Bengal.

The 22nd June 1886.—The following is published for general information.

P. NOLAN,

Offg. Secretary to the Government of Bengal.

CYCLONE OF SEPTEMBER 1885 IN THE ORISSA DIVISION.

No. 840, dated Cuttack, the 7th of May 1886.

From—C. T. MORTCALFE, Esq., C.S.I., Commissioner of the Orissa Division,

To—The Offg. Under-Secretary to the Government of Bengal, Revenue Dept.

WITH reference to your No. 21391—R, dated 3rd November 1885, and subsequent reminders, I have the honour to submit a further report on the cyclone of September 1885, confining my narrative as to the extent of damage done in the districts of this Division.

2. Mr. Grant's report No. 982, dated 25th September, which had been forwarded direct to you, gave details of the injury caused on the northern twenty miles of the coast of his district. He promised a further report about the condition of the rest of his district, and directed the Sub-Divisional Officer of Bhadruck to make enquiries. Since then petitions were received from the tenants of the Government estate Birso, praying for relief on account of loss of their crops. These petitions were enquired into both by the khas tehsildar of Balasore and the sub-divisional officer. As the results of the first enquiries were too speculative in their character to be reported, it was thought best to wait till the loss actually suffered could be estimated by the outturn of the harvest.

3. From the Collector's report it is clear that, of all the other parts of the district of Balasore, the tenants of the Government estate Birso had lost most in crops and cattle. In speaking of the state of the crops on this estate in his letter No. 1096, Mr. Grant then observed:—"What I do know is that half the crop is certainly lost, that about half the rest (one-fourth of the whole) seems safe, and that the other half is doubtful. I say that one-fourth seems safe, because credible persons affirm that even that is not safe. It looks well and flourishing now, but I am assured that, when the moisture around the roots dries up, the small amount of salt it holds will become fatal because of its being then left undiluted."

4. The Government estate (Birso) is situated on the sea-face of the district; a small sketch map of the part of the country in which it lies is herewith annexed. At the northern portion of this tract, the Goomai river crosses the coast canal and falls into the sea. The banks of the canal have been cut away for a length of 1,000 feet to allow the river to pass over it. Immediately to the south of Goomai a sea embankment runs southward along the coast in a direction parallel to the coast for some 12 or 14 miles. To the west of this embankment runs the coast canal embankment, and the Government estate of Birso lies between these two embankments. The bulk of the sea-wave flowed southward between the canal embankment and the sea embankments. These latter prevented the prompt return of the salt water to the sea, and consequently the area between the double banks suffered more than any other part by the wave.

5. After the crops had been harvested, it appeared that most of the tenants in this estate had lost either their whole crop, or at least three-fourths of it. In the way of relief they asked for—

- (1) a remission of the entire rent for the year 1293 F. S.;
- (2) a postponement of the unpaid 3 annas kist for the year 1292 till the beginning of 1294;
- (3) a taccavi advance of Rs. 1,000 at the time of the harvest.

Of these proposals Mr. Grant refused to admit the second, and I agreed with him that it would be inexpedient to grant remissions of *past* arrears on account of unforeseen *present* calamities, which at best are only temporary in their effects. The first and third proposals were recommended to the Board in my letter No. 432, dated 16th February, and sanctioned in their No. 76A, dated 18th March last. Copies of this correspondence are herewith submitted for the information of Government.

6. The report of the khas tehsildar showed that Nuanand also suffered from the effects of the cyclone; but there was very little loss of paddy crops in the estate. Here, as in other parts of the Balasore district over which the cyclone passed, there had been a large number of huts and trees blown down by the wind. In some places the sugarcane plants were uprooted, but the loss caused thereby is reported to have been very slight, and no notice has therefore been taken of it.

7. In addition to the damage done in Government estates as above described, I have received no authentic reports of any other parts of the district having been injured in any appreciable extent by the late sea-wave and cyclone. Happily the greater portion of the sea coast is covered with jungle and is uninhabited, otherwise the loss of life would have been much greater. Happily also the centre of the storm travelled in a narrow track, thus limiting the injury. Some of the tenants of pergunnahs Ankura and Bhera submitted two memorials to His Honor the Lieutenant-Governor during his recent visit to Orissa. These were forwarded to me with your memorandum No. 3700—350Fam., dated 28th December last. The tenants complained of loss of other crops and scarcity of fresh water for drinking purposes, &c.

8. The properties situated in these pergunnahs are private properties of zemindars, and although their crops suffered from the violence of the wind, they were not affected by the sea-wave, which was stopped by the embankment of the sea coast canal. Whatever may be the financial result of this canal, it has at least proved of great service in protecting life and property. But for its embankment, hundreds of square miles would have been submerged, with much loss of life and absolute destruction of crops. During my visit to this part of the division after the cyclone, it was remarkable how all the land to the south of the canal looked black and charred, and wherever the salt water had reached, the vegetation was burnt up. The effect of this canal bank shows the advisability of constructing an embankment in Kuldeep and Kurara.

9. In the interior of the Cuttack district, about Jajpur, there was great destruction of trees and houses. Three hundred lives were lost by falling trees, walls and homesteads. The Executive Engineer's house at Aquapada was entirely wrecked, the roof bodily carried away, and some of the masonry pillars destroyed; the Europeans (one a lady) at the time in the house were driven outside, and were for some hours exposed to the violence of the wind and rain. At times they were unable to stand and lay on the ground, moving forward when the wind lulled, and again throwing themselves down when the terrific gusts came.

10. The storm also passed into the Gurjats, the centre travelling into Keonjhar. At Nāgiri, a little to the east of the centre, the storm was a strong gale only; but where the centre passed the destruction of trees in the forest was very great; the roads were completely blocked by fallen timber and rendered impassable even for elephants.

11. It is marvellous how quickly the villages have recovered from the effects of the storm. Trade was for a time suspended, whilst the inhabitants set to work to repair their homesteads, but within a short time few vestiges of the destructive character of the storm remained. Enquiries have shown that nowhere was there such complete wreckage of house property with total destruction of crops as in Kuldeep and Kurara and in part of Koojung.

12. The Government is already in possession of the steps taken to relieve the people by systematic distribution of grain to the survivors, of whom lists were immediately made, and later by advances of money, which are now being given under the orders of the Board and Government. Work was commenced very shortly after the storm-wave in cutting channels from the drinking tanks to draw off the salt water, and in digging out the salt impregnated soil. It was ascertained that amongst cattle, buffaloes suffered more than cows and oxen from want of fresh water; that whilst the latter could, in common with deer, quench their thirst by standing in brackish water, buffaloes could obtain no such relief, and wildly strayed for miles in spite of the efforts of the herdsmen in search of fresh water.

13. No trace of the remains of the houses which stood at Hookeytollah has been found, nor of the treasure chest of the Port and Customs

Department. I cannot conceive that the chest could have been washed away. Possibly it may have been stolen. One chest was found with its lid broken in, the work of wreckers immediately after the storm; but it was not the one in which cash was kept, as it stood in a small unused masonry cesspool, which probably accounted for its being left standing. The cesspool had disappeared together with the surrounding soil, of which a depth of five feet was washed away. A new coil of hose was found twisted and deeply buried in the soil. It has also been found that the set of the tide to the northward along the coast deposited hundreds of dead bodies along the sea-face, and amongst them, seven months after the disaster, the body of Mrs. Douglas has been identified by her clothing. It was found some 40 miles away from Hookeytollah.

14. Reference to former correspondence show that Orissa has frequently been visited by storm-waves, and that every ninth year the sea-coast has suffered from the effects of a cyclone.

15. I believe all that could reasonably be done has been done to relieve those who survived. The ready and generous aid given by the Government, by one of the English newspaper presses of Calcutta, and by the Inundation Fund, enabled the district officers to render immediate assistance, while the fortunate circumstance of the Kanika estate being under the Court of Wards has enabled the Board to give continued assistance from funded savings to the royts who had lost everything, which they could not have received if the estate had been in the hands of the proprietor.

REVIEW OF THE TRANSACTIONS OF THE FINE FUNDS ON THE STATE RAILWAYS OF BENGAL FOR THE YEAR 1885-86.

GOVERNMENT OF BENGAL—PUBLIC WORKS DEPARTMENT.

RAILWAY.

No. 1094K—A, dated Calcutta, the 4th June 1886.

READ—

Government of India, Financial Dept. Resolution No. 427, dated the 28th June 1880.

Letter No. 188A, dated 27th April 1886, from Manager, Northern Bengal S. Railway.

Letter No. 4192, dated 1st May 1886, from Manager, Tirhoot State Railway.

" " 1672, dated 17th April 1886 " " Dacca State Railway.

" " 1588, dated 5th May 1886 " " Nalhati State Railway.

The receipts and disbursements upon the several lines were as follow:—

RAILWAYS.	RECEIPTS.				EXPENDITURE.			Balance at end of 1885-86.
	Balance on 1st April 1885.	Fines.	Interest.	Total.	Disbursements.	Refunds.	Total.	
	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.	Rs. A. P.
Northern Bengal ..	1,008 11 3	2,826 3 5	55 10 3	2,881 10 9	1,458 6 3	23 8 0	1,714 14 3	1,771 12 8
Tirhoot ..	2,074 0 7	1,139 13 11	05 1 5	3,219 15 11	1,787 14 0	20 11 0	1,808 0 0	1,411 0 11
Dacca ..	0 4 0	439 10 3	5 5 3	444 5 6	200 0 0	4 14 8	204 14 8	239 5 6
Nalhati ..	0 11 5	0 4 0	12 10 6	12 20 6	127 4 10	4 0 0	271 5 10	267 4 10
Total ..	4,074 11 5	3,405 2 2	74 11 5	7,554 5 10	3,562 10 1	32 10 0	3,594 11 1	3,704 13 8

During the year 1885-86 the assets of the Fine Funds upon the Bengal Provincial Railways were expended as follows:—

Northern Bengal State Railway.—Schools Rs. 1,367, institutes Rs. 100, amusements Rs. 150, sick employes Rs. 69-6-3.

Tirhoot State Railway.—Schools Rs. 149, institutes Rs. 297-7, amusements Rs. 780, sick and miscellaneous Rs. 361, and volunteering Rs. 200.

Dacca State Railway.—Institute Rs. 300.

Nalhati State Railway.—Schools Rs. 49, institutes Rs. 90, sick employes Rs. 28-5-10.

Of the balance at credit of the Northern Bengal State Railway Fund, Rs. 500 represented the balance of last year's loan to the Railway Co-operative Stores Association, which was still outstanding at the end of 1885-86.

RESOLUTION.

In the Resolution on the Fine Fund reports last year, attention was drawn to the necessity of avoiding any undue accumulation of balances, and the Lieutenant-Governor observes in the present reports that on the Tirhoot State Railway and Nalhati State Railway the balances have been reduced. On the Northern Bengal State Railway, however, the balance still shows a tendency to increase, and the Manager should take steps to avoid this. A larger proportion of the assets of the fund on this line may with advantage be spent in providing amusements and recreation for the employes.

ORDER.—Ordered that a copy of this Resolution be forwarded to the Secretary to the Government of India, Public Works Department, and to the Managers of the Bengal Provincial Railways, for information, and that the Resolution be published in the *Calcutta Gazette*.

By order of the Lieutenant-Governor of Bengal,

S. T. TREVOR, Col., R. E.,

Secretary to the Government of Bengal,

P. W. Dept.

Rainfall, Weather, and State and Prospects of the Crops

Statement showing Rainfall, Weather, and State and Prospects of the Crops in the different districts of Bengal, as reported to Government during the week ending the 19th June 1886.

No.	District, and date of return	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
BENGAL.			
<i>Western Districts</i>			
1	Burdwan, June 19 '86	4.08	Weather—much cooler owing to the rain. Rain has done much good. Price of rice 16 to 22 seers per rupee. Public health good.
	Culna	2.08	
	Culwa	1.60	
	Kanigunge	1.56	
2	Hankoota, " 19 "	5.06	Weather—cool and rainy. Sowing of <i>aus</i> rice finished. Seedlings doing well; transplantation commenced. Harvesting of <i>til</i> has commenced. Prospects of crops are on the whole good. Prices continue steady. There has been continuous rain from Tuesday. Public health good.
3	Beerbhoom, " 19 "	5.30	Weather—cool and rainy in latter part of week. Seasonable rain having fallen, rice cultivation is progressing. Prices unaltered. General health good.
	Rampur Haut	0.53	
4	Midnapore, " 19 "	5.87	Weather—cyclonic. Rainfall seems to have been general throughout the district, and has done much good. Public health good.
5	Hooghly, " 19 "	5.78	Weather—stormy. The monsoon appears to have broken. All crops doing well. Agricultural operations going on briskly. Public health good.
	Serampore	2.36	
	Jehanabad	5.58	
	Howrah		Report not received.
<i>Central Districts</i>			
6	24-Perab, " 19 "	7.67	Weather—heavy fall of rain with high and unsettled winds of a cyclonic type. Early rice, jute and sugarcane are doing well. Public health generally good.
7	Nuddea, " 19 "	3.17	Weather—seasonable. Prospects of paddy crops good. The rain has been light and extremely favourable for growing crops. Public health good.
	Koochba	4.71	
	Meherpur	2.22	
	Chundanga	3.04	
	Ranaghat	4.78	Weather—violent storm on 16th instant with high tides; weather since then cloudy and rainy. Prospects of rice crops favourable. Public health good.
8	Khoulia, " 19 "	8.31	
	Jessore, " 19 "	6.01	
	Jhenidah	7.89	Weather—rainy. The rain that fell during the week has done good to the rice plants which are thriving. Public health good.
	Magura	5.47	
	Narail	6.16	
	Dungong	2.76	Weather—seasonable. Prospects of crops favourable. Sowing of <i>dhan</i> going on. Public health good. Price of rice stationary.
10	Moorsheadabad, " 13 "	3.52	
	Lalbagh	4.71	
	Kandi	2.59	Weather—seasonable with rain. Cultivation of <i>aus</i> , jute, and sugarcane going on well. Prospects good. Rice is selling from 18 to 25 seers per rupee.
11	Dinapore, June 18 '86	0.96	
12	Rajshaya, " 19 "	4.67	
	Naltore	1.50	Weather—heavy rain with wind on 16th and 17th; still rainy. <i>Boro</i> paddy harvest nearly finished; outturn about a 12-anna crop. Prospects of <i>aus</i> and <i>amra</i> paddy and jute good. Health fair.
	Nowgong	1.64	
13	Rangpur, " 19 "	0.73	Weather—oppressively hot except during the last three days of the week. Prospects of <i>amra</i> and <i>aus</i> crop good except at Gaibanda, where rain is urgently needed; other crops are doing well. Cholera still at Nageswari; public health otherwise good.
	Korigram	0.38	
	Gaibanda	0.14	
	Nilphamari	1.98	Weather—seasonable. Rain and clouds throughout the week. Prospects of standing crops good. <i>Aus</i> is being out in some places. Cultivation of <i>amra</i> continues. Public health fair.
14	Bogra, " 19 "	1.15	
	Sherpur	2.91	
	Nowkhilla	0.55	Weather—very hot during first part of week; during last few days high westerly wind and rain. Crops flourishing. Health good.
15	Pubna, " 19 "	2.47	
	Seraingunge	1.38	Weather—wet and stormy. Crops all good. Cholera still prevalent in the lower hills.
16	Darjeling, " 19 "	8.12	
17	Jalpigore, " 19 "	1.15	Weather—early part of week unusually hot and dry for time of year; latter part cooler with rain. Rain was beginning to be needed for the early rice crop in places. Tea also has suffered much from the unusual dryness of the month. No harm done to rice yet, and weather most favourable for jute. Sugarcane doing well. No prevailing disease.
<i>Eastern Districts</i>			
18	Dacca, June 19 '86	4.63	Weather—hot and cloudy. Sowing of <i>racolia</i> and <i>shail</i> paddy going on. Harvesting of <i>aus dhan</i> has commenced. Recent rain has done much good to jute and paddy crops. Prospects of crops good. Public health good.
	Manickgunge	0.82	
	Mumshigunge	4.32	
	Narsinggunge	4.26	Weather—equally and rainy in the middle of the week; cloudy since. Prospects of crops continue to be good.
19	Furteapore, " 19 "	2.73	
	Madaripore	3.86	
	Gosalundo	2.35	Weather—high wind with rain. <i>Aus</i> crop is promising. Cultivation of <i>amra</i> progressing. General health fair.
20	Bactergunge, " 13 "	3.76	
	Mymensinga, " 18 "	0.20	
	Kishoregunge	0.23	Weather—cloudy with some rain during last three days. Prospects generally good. Transplanting of <i>roosa</i> paddy has commenced. Jute in Tangail has been damaged by caterpillars, and portions of the crop ploughed up. Public health fair.
	Atta	1.71	
	Netrokona	0.44	
22	Chittagong, June 15 '86	1.48	Weather—very sultry till 14th, after which cooler with rain and high wind from south-east. <i>Aus</i> promises fair, but some damage done by <i>seupoka</i> . Cultivation for <i>amra</i> goes on.
	Kanaboli, " 16 "	4.21	
	Fenny	4.40	Weather—very hot till the 15th. The rainfall has been in defect. Heavy rain fell on the 15th and 16th, but the amount is still below the average. Transplanting of <i>amra</i> being pushed on.
24	Tipperah, " 17 "	4.56	
	Brahmanberiah	1.43	
	Chandpur	1.60	Weather—alternate rain and sunshine throughout the week. <i>Joom</i> paddy doing well. Lands being ploughed for late rice crop. <i>Aus</i> paddy ripening. Fever prevalent.
26	Chittagong Hill Tracts, " 15 "	2.34	
	Hill Tipperah, " 16 "	Nil	Weather—very warm; rain expected. Prospects of <i>satya</i> paddy and <i>joom</i> crops good. <i>Til</i> (oilseeds) being gathered. Public health generally good.

No.	District, and date of return.	Rainfall at Sudder Station in inches.	Character of the weather, state and prospects of the crops, and state of health at date.
NAMAK.			
26	Patna, June 10 '86	2.11	Weather—extremely hot during the greater part of the week. High wind accompanied with rain during last two days. <i>Chesna</i> and sugarcane promise well. <i>Bhadai</i> sowings have commenced. Public health generally good.
27	Gya, " 19 "	2.54	Weather—rains appear to have set in. Strong easterly winds with 24 hours continuous rain from 10.30 P.M. on Wednesday, 16th instant. <i>Kesari</i> and <i>banga</i> doing well. <i>Marna</i> is being transplanted and <i>dhan</i> sown. Cattle-disease reported from three villages. Public health good. Prices moderate.
28	Mahabud, " 19 "	1.29	Weather—cool and cloudy since 17th with strong winds. The monsoon broken on the 17th. Sugarcane, the only crop on the ground, doing well. Several deaths from sunstroke reported; public health otherwise fair. Prices stationary.
	Bazar	0.22	
	Masaram	Nil	
	Bhabhua	0.58	
29	Dehri-on-Behar, " 19 "	0.58	Weather—occasionally cloudy and close. High east winds prevailed during latter part of the week. Prospects of paddy on low lands favourable. More rain needed for the cultivation of <i>bhadai</i> . <i>Moong</i> is being harvested with a good outturn. Prices continue stationary. A few cases of cholera reported from Madhubani; otherwise public health good.
30	Mosufferpore, " 19 "	1.29	Weather—at time of report fine with partially clouded sky. Cyclonic weather with light rain on the 17th and 18th. The rain was much required. Standing crops in good condition, and <i>bhadai</i> sowings in progress.
31	Saran, " 19 "	1.67	Weather—cloudy since last three days. Heavy rain fell during the week. Sowing of <i>bhadai</i> crops has commenced. Indigo, <i>cheena</i> , and sugarcane have been benefited by the rain that fell during the week. Sporadic cases of cholera and small-pox reported from the mofussil; public health otherwise good.
	Champurhat, " 19 "	0.35	Weather—cloudy with easterly wind of stormy nature. Lands for <i>bhadai</i> crops are being prepared and sowings have commenced in places. Prices stationary. Public health fair.
SHAHUPUR DIV.			
33	Mouhlyt, June 19 '86	3.32	Weather—little cooler owing to heavy rain with high east winds of last three days. Sowings of <i>bhadai</i> crops going on briskly; seedlings of rice crops on low lands being transplanted. Public health good, but sporadic cases of small-pox continue to be reported from Begusarai. Prices stationary.
	Begusarai	0.08	
	Jumai	0.15	
34	Harignipore, " 19 "	2.63	Weather—very sultry till 17th, when heavy rain came up with strong wind. Prospects very favourable; cultivation and sowing proceeding briskly.
35	Paruah, " 19 "	3.15	Recent rain has much lowered the temperature, which was otherwise hot. The rain has done much good to the crops. <i>Bhadai</i> crops doing well.
	Kissengunge	0.72	
	Arrarrah	0.41	
36	Maldah, " 19 "	3.40	Weather—cloudy, windy and stormy. The <i>bhadai</i> crops are thriving. Price of coarse rice 21 seers per rupee. Public health good.
	Chanchal	Nil	
	Shibgunge	3.15	
	Gazole	1.83	
37	Benthal Pergna, " 19 "	3.78	Weather—cool and rainy. Ploughing and sowing going on. Public health good.
	Godda	1.82	
	Rajmahal	2.91	
	Pakour	3.78	
	Jamtara	3.9	
ORISSA.			
38	Cuttack		Report not received.
BRIMA DIV.			
39	Pooree, " 17 "	4.28	Weather—rainy and cloudy. Progress of <i>sarad</i> sowing retarded owing to late rain. <i>Dales</i> crop is being harvested. Relief works going on in Chilka tracts. Common rice sells at an average of 17 seers 15 chittacks per rupee in Sudder sub-division and 17 seers 8 chittacks in the Khoorda sub-division. Cases of cholera reported from the mofussil.
	Khoorda	1.29	
40	Balasore, " 18 "	3.78	Weather—stormy with much rain. Prospect of crops promising. Recent rain will greatly facilitate cultivation. Public health good.
CHOTA NAGPORE.			
<i>South-West Frontier Agency.</i>			
41	Bazaribagh, June 18 '86	4.10	Weather—very hot and oppressive up to 15th, heavy rain since. Indian-corn, <i>marna</i> and rice being sown and are germinating in places. General health good.
42	Lohardugga, " 19 "	4.41	Weather—cool. Heavy rain during the week. Cultivation is rapidly going on. Prices of food-grains stationary. Public health good.
43	Mingbhoom, " 18 "	3.55	Weather—hot till the 10th, when heavy rain fell. The fall is said to have been general. <i>Dhan</i> being sown all over district, some up in places. Recent rain has done much good. Prospects good. Public health good.
44	Manbhoom, " 19 "	3.55	Weather—seasonable. Rains set in on the 15th. Ploughing going on vigorously. Public health good.
	Goriadpore	0.64	

Published for general information.

CALCUTTA, REVENUE DEPT.;
The 22nd June 1886.P. NOLAN,
Offg. Secy. to the Govt. of Bengal.

PRICES-CURRENT (retail) of Food-grains, Firewood and Salt in the

Number.	DISTRICTS.	QUANTITIES PER RUPEE IN											
		WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.		
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.
		S. Ch. S. Ch.	S. Ch. S. Ch.	S. Ch. S. Ch.	S. Ch. S. Ch.	S. Ch. S. Ch.	S. Ch. S. Ch.	S. Ch. S. Ch.	S. Ch. S. Ch.	S. Ch. S. Ch.	S. Ch. S. Ch.	S. Ch. S. Ch.	S. Ch. S. Ch.
1	Burdwan	16 0	16 0	17 0	...	...	...	15 0	15 0	18 6	18 12	18 12	19 0
2	Bakhoora	19 8	18 8	16 0	23 8	24 0	18 0	19 8	19 8	14 4	22 8	22 8	17 0
3	Barraboom	20 0	16 0	17 4	...	...	...	15 0	16 0	12 0	18 0	19 8	18 12
4	Midnapore	18 0	18 0	19 0	...	...	...	16 0	16 0	14 0	20 0	22 0	17 0
5	Hooghly	16 0	16 0	16 0	...	...	...	10 0	10 0	9 0	14 0	14 0	12 8
	Howrah	16 0	16 0	16 0	...	...	...	8 0	8 0	11 4	15 0	15 0	13 0
	Central Districts.												
	Calcutta	16 0	16 0	18 0	22 0	21 6	19 0	8 8	8 4	7 8	15 4	16 0	19 12
6	24. Parganahs	13 4	13 4	15 0	20 0	20 0	20 0	8 0	8 0	8 0	13 4	13 4	14 8
7	Nudda	16 0	17 4	17 4	23 8	26 0	22 16	18 6	14 0	11 6	16 0	15 2	13 6
8	Khoolna	...	...	...	...	...	...	15 0	14 0	12 0	17 0	17 0	16 0
9	Jessore	18 4	13 4	15 0	...	...	...	12 8	13 0	11 8	17 0	16 12	15 0
10	Moorshedabad	20 0	20 0	18 0	...	...	...	13 4	13 4	10 0	17 0	17 0	12 12
11	Dinapore	18 0	16 8	16 0	17 8	17 8	...	16 8	17 0	12 0	21 0	20 4	13 12
12	Rajahmundry	19 0	19 0	17 16	31 12	32 0	26 4	16 0	16 4	10 0	18 0	18 8	12 0
13	Bungpore	22 8	20 0	18 4	...	...	...	18 4	16 0	10 8	20 8	20 0	12 12
14	Bogra	15 0	16 0	17 4	...	...	...	19 12	13 8	9 12	21 12	22 6	13 8
15	Pahna	21 12	22 8	19 6	...	...	...	8 0	7 14	6 4	16 0	16 6	12 12
16	Darjeeling	11 0	11 0	11 0	9 0	9 0	10 0	5 0	5 0	5 0	13 0	13 0	11 0
17	Jalpigore	18 4	18 4	18 0	20 0	20 0	20 0	15 0	16 0	12 0	23 0	22 0	14 0
	Eastern Districts.												
18	Dacca	16 0	16 0	21 0	26 0	26 0	39 0	13 0	13 0	12 0	16 0	16 0	14 0
19	Farrukpore	24 0	24 0	16 0	25 0	25 0	30 0	16 0	16 0	13 0	17 0	17 12	14 0
20	Rangergunge	...	...	...	...	...	...	12 8	12 8	12 0	16 0	15 0	14 0
21	Mymensingh	18 0	18 4	18 0	...	...	...	12 8	18 0	11 4	20 0	21 0	13 4

A In sub-divisions retail prices of salt per rupee were:—Culna 14 seers, Cutwa 13½ seers, and Ranseerunga 13½ seers.

B In sub-divisions retail price of salt 18 seers per rupee.

C In sub-divisions retail price of salt 13½ seers per rupee.

D In sub-divisions retail prices of salt per rupee were:—Tumlook 11 seers and Contal 13 seers.

E In sub-divisions retail prices of salt per rupee were:—Berampore 13 seers and Beharabad 13½ seers.

F In sub-divisions retail prices of salt per rupee were:—Baranet 12½ seers, Bunsawat 13 seers, Diamond Harbour (at Kulpihat) 12½ seers, and Barrackpore and Dum-Dum 12 seers.

G In sub-divisions retail prices of salt per rupee were:—Koochda 14½ seers, Chgoadanga 12 seers, Ranaghat 19½ seers.

H In sub-divisions retail price of salt 11 seers per rupee.

I In sub-divisions retail prices of salt per rupee were:—Jhanda and Narail 12 seers, Magera 10½ seers, and Hongong 12 seers.

<p>RAJSA OR CUMBU. <i>Prorastum typho-</i> <i>(down.)</i></p>	<p>MANUA OR RAOL. <i>(Elaurine Corocosa.)</i></p>
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Previous returns.	
Next preceding returns.	
Corresponding returns of last year.	
Present returns.	
Next preceding returns.	
Corresponding returns of last year.	

[illegible]

KANGNI OR KANGNI ITALIAN MILLET. (<i>Scleria italica</i> .)			GRAM, CHANA CHICKPEA, KADALI OR SUBAGAL. (<i>Cicer arietinum</i>)		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.

9.	Ch.	18.	Ch.	9.	Ch.	18.	Ch.	9.	Ch.	18.	Ch.	9.	Ch.	18.	Ch.
...
...
...
...
...
...

18	0	18	0	...	...	...	...	20	0	20	0	18	0	18	0
...	...	...	...	...	...	...	...	17	8	17	8	17	8	17	8
...	...	...	...	...	...	...	...	23	14	22	14	20	...	...	...
...	...	...	...	...	...	...	...	18	0	18	0	18	0	18	0
...	...	...	...	...	...	...	...	20	0	20	0	18	0	18	0
...	...	...	...	...	...	...	...	26	0	26	0	26	0	26	0
...	...	...	...	...	...	...	...	18	0	18	0	18	0	18	0
...	...	...	...	...	...	...	...	20	0	20	0	20	0	20	0
...	...	...	...	...	...	...	...	18	4	18	4	18	4	18	4
...	...	...	...	...	...	...	...	17	4	18	12	17	4	17	4
...	...	...	...	...	...	...	...	21	4	21	0	21	4	21	4
...	...	...	...	...	...	...	...	10	8	10	0	10	8	10	8
...	...	...	...	...	...	...	...	19	0	19	5	19	0	19	5

...	...	...	...	...	...	...	...	17	0	18	0	17	0	17	0
...	...	...	...	...	...	...	...	10	0	10	0	10	0	10	0
...	...	...	...	...	...	...	...	16	0	16	0	16	0	16	0
...	...	...	...	...	...	...	...	15	0	18	0	15	0	15	0

11926

In sub-divisions retail prices of salt per rupee were :—Jhansi and Morad 12 annas, ...

Districts of Bengal during the Fortnight ending the 15th June 1886.

INDIAN-CORN OR MAIZE. (Zea Mays.)			ARABIC OR TURK CASSIA PEA. (Cajanus indicus.)			FIRWOOD.			SALT.			SALT.			DISTRICTS.
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
WHOLESALE PRICES PER MAUND OR 40 SEERS.															
BENGAL.															
Western Districts.															
...	Bardwan.
...	Bankura.
...	Barrackpore.
...	Midnapore.
...	Hoochly.
...	Howrah.
Central Districts.															
...	Calcutta.
...	24-Pargannas.
...	Nudda.
...	Khosia.
...	Jessore.
...	Maschhad.
...	Dinapore.
...	Rajshahi.
...	Rangpur.
...	Bogra.
...	Palta.
...	Darjeeling.
...	Jalpigura.
Eastern Districts.															
...	Dacca.
...	Farrukabad.
...	Bakergunge.
...	Mymensingh.

J In sub-divisions retail prices of salt per rupee were:—Lalbagh and Kandi 12 seers and Jungipore 11½ seers.

K In Nattore and Nowgong retail price of salt 12 seers per rupee.

L In sub-divisions retail prices of salt per rupee were:—Udaibanda 9½ seers, Nilphamari 12 seers.

M In Serajganga retail price of salt 12 seers per rupee.

N In Alipore (at Pallacotta) retail price of salt 10 seers per rupee.

O In sub-divisions retail prices of salt per rupee were:—Manickganj 11 seers, Narainganj 11½ seers.

P In sub-divisions retail prices of salt per rupee were:—Gostardo 12 seers and Madanpore 12½ seers.

Q In sub-divisions retail prices of salt per rupee were:—Patakhali 10½ seers, Farasapore 11 seers, and Bhola 10½ seers.

R In sub-divisions retail prices of salt per rupee were:—Kishoreganj 9½ seers, Attua 13 seers, Jamalpore 10½ seers, Shapore 10 seers, and Netrokona 12½ seers.

PRICES-CURRENT (retail) of Food-grains, Firewood and Salt in the

Number.	DISTRICTS.	QUANTITIES PER RUPEE IN																	
		WHEAT.			BARLEY.			RICE, BEST SORT.			RICE, COMMON.			JOWAR OR CHOLUK. (Sorghum Vulgare.)					
		Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.			
		Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.		
Eastern Districts.—Continued.																			
23	Chittagong	14 0	16 0	16 0	...	...	...	10 0	11 0	12 0	13 0	14 0	14 0	...	...	...
23	Noakhally	...	...	...	...	...	...	...	...	...	...	...	...	...	...	...
24	Tipperah	13 4	12 4	16 0	...	...	...	14 0	16 0	18 7	17 11	16 13	14 3	...	...	...
25	Chittagong Hill Tracts.	...	...	...	...	...	...	8 14	11 0	12 4	9 6	13 0	13 6	...	...	...
	Hill Tipperah	12 0	12 0	12 0	...	...	...	11 0	11 0	12 0	15 0	16 0	16 0	...	...	...
BEHAR.																			
26	Patna	21 0	21 0	21 0	30 0	28 0	21 8	11 8	11 8	10 8	17 0	17 0	15 0	17 11	18 0	...			
27	Gya	16 0	19 0	17 8	31 0	30 0	23 0	8 0	8 0	10 0	15 0	15 8	12 8	20 0	22 0	...			
28	Shahabad	19 0	19 0	19 0	30 0	28 0	24 0	8 0	8 0	10 0	18 0	18 0	13 0	...	...	...
29	Durbhanga	18 0	18 0	18 12	24 0	28 0	21 0	10 0	10 0	11 8	15 0	16 8	13 12	...	...	...
30	Muzaffarpore	20 0	20 0	19 0	...	30 0	29 0	13 0	12 0	11 0	13 0	16 0	13 0	...	...	...
31	Baran	18 8	18 0	20 0	28 0	28 0	24 0	7 12	7 8	8 4	19 0	10 0	16 0	...	...	250	
32	Champaran	21 0	21 0	16 0	...	22 0	21 0	10 8	10 0	10 0	16 8	16 0	13 0	...	...	...
33	Monghyr	22 1	22 0	19 4	29 4	27 12	23 5	12 9	12 1	10 6	15 12	16 12	11 12	...	24 2	...			
34	Bhagalpore	20 3	20 3	19 9	30 8	30 5	25 4	16 14	16 2	11 0	18 10	17 10	13 4	...	...	...
35	Farash	20 0	20 0	20 0	...	...	...	18 11	18 0	13 0	20 0	21 0	15 0	...	...	...
36	Maldah	20 0	21 0	20 8	...	...	...	10 0	10 0	12 8	19 0	21 0	15 0	...	...	...
37	Souhal Parga.	16 0	16 0	16 0	...	...	...	16 11	16 0	11 0	23 0	23 0	14 0	...	...	...
ORISSA.																			
38	Cuttack	14 7	19 11	15 12	...	...	...	10 8	10 8	13 2	17 1	17 1	17 1	...	...	...
39	Pooree	14 7	15 12	15 12	...	...	...	11 12	14 7	14 7	15 12	19 11	18 10	...	...	...
40	Balasore	18 0	18 0	18 0	13 0	13 0	10 0	13 0	13 0	13 0	24 0	24 0	23 0	...	...	...
CHOTA NAGPORE.																			
South-Western Frontier Agency.																			
41	Hazarebagh	17 0	17 0	14 4	20 0	24 0	16 0	10 0	10 0	9 0	18 8	18 0	13 8	...	...	...
42	Lahardunga	19 0	19 0	14 0	23 0	29 0	18 0	16 0	18 0	14 0	21 0	21 0	17 0	...	...	...
43	Singbhoom	24 0	24 0	20 0	32 0	29 0	20 0	24 0	24 0	20 0	28 0	28 0	24 0	...	...	...
44	Mambhoom	18 0	17 0	14 0	...	32 0	20 0	16 0	16 0	15 0	27 0	29 0	19 0	...	...	...

* In the interior retail prices of common rice ranged from 15½ to 21 seers per rupee.

M In subdivisions retail prices of salt per rupee were:—Brahmunbora 11 seers and Chandpore 12½ seers.

T In subdivisions retail prices of salt per rupee were:—Buxar 19 seers, Buxarain 11½ seers, and Bhubani 11 seers.

U In subdivisions retail prices of salt per rupee were:—Madhubani 11 seers and Tajpore 11½ seers.

V In subdivisions retail prices of salt per rupee were:—Samarthpur 11 seers and Rajpore 12½ seers.

W In subdivisions retail prices of salt 11 seers per rupee.

X In subdivisions retail prices of salt 11½ seers per rupee.

Y In subdivisions retail prices of salt per rupee were:—Bogura 11 seers and Jammu 12 seers.

CALCUTTA,

The 22nd June 1886.

<p>SEED OR CONE. <i>Pinus</i> <i>typlo-</i> <i>down.</i></p>	<p>MANUA OR RANI. <i>(Eleusine Carocana.)</i></p>
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Next preceding return.
Corresponding return of last year.
Present return.
Next preceding return.
Corresponding return of last year.

$$C_2H_5, CH_3, Cl, \text{ etc. } C_2H_5, CH_3, Cl, \text{ etc.}$$
[illegible]

21	0	25	0	...	26	0	20	0	...
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[illegible]

Index	Index	Index	Index	Index
1	2	3	4	5
6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
26	27	28	29	30
31	32	33	34	35
36	37	38	39	40
41	42	43	44	45
46	47	48	49	50
51	52	53	54	55
56	57	58	59	60
61	62	63	64	65
66	67	68	69	70
71	72	73	74	75
76	77	78	79	80
81	82	83	84	85
86	87	88	89	90
91	92	93	94	95
96	97	98	99	100

2000	...	2000	2000	2000	2000
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23 0:18 0:27 6

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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0-10	1-10	2-10	3-10	4-10	5-10	6-10	7-10	8-10	9-10	10-10
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9-42	...	-	23	8	21	8	24	0
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1999	1998	1997	1996	1995
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100	100	100	100	100	100
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0-10	0-10	0-10	0-10	0-10	0-10
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01%	0.01%	0.01%	0.01%	0.01%	0.01%
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1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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姓名	性别	年龄	职业	住址	电话
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Figure 1 consists of six vertical panels, each showing a cross-section of a developing embryo at a different stage. The panels are labeled from left to right: 1. Fertilization, 2. Cleavage, 3. Gastrulation, 4. Neurulation, 5. Somite formation, 6. Hatching. The embryos are shown in a vertical orientation, with the head at the top and the tail at the bottom. The panels show the progression of the embryo from a single cell to a fully formed larva.

100

6.6.6	6.6.7	6.6.8	6.6.9	6.6.10	6.6.11
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2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382	2383	2384	2385	2386	2387	2388	2389	2390	2391	2392	2393	2394	2395	2396	2397	2398	2399	2400	2401	2402	2403	2404	2405	2406	2407	2408	2409	2410	2411	2412	2413	2414	2415
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[illegible]

1974	1975	1976	1977	1978	1979	1980	1981	1982	1983	1984	1985	1986	1987	1988	1989	1990	1991	1992	1993	1994	1995	1996	1997	1998	1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030	2031	2032	2033	2034	2035	2036	2037	2038	2039	2040	2041	2042	2043	2044	2045	2046	2047	2048	2049	2050	2051	2052	2053	2054	2055	2056	2057	2058	2059	2060	2061	2062	2063	2064	2065	2066	2067	2068	2069	2070	2071	2072	2073	2074	2075	2076	2077	2078	2079	2080	2081	2082	2083	2084	2085	2086	2087	2088	2089	2090	2091	2092	2093	2094	2095	2096	2097	2098	2099	2100	2101	2102	2103	2104	2105	2106	2107	2108	2109	2110	2111	2112	2113	2114	2115	2116	2117	2118	2119	2120	2121	2122	2123	2124	2125	2126	2127	2128	2129	2130	2131	2132	2133	2134	2135	2136	2137	2138	2139	2140	2141	2142	2143	2144	2145	2146	2147	2148	2149	2150	2151	2152	2153	2154	2155	2156	2157	2158	2159	2160	2161	2162	2163	2164	2165	2166	2167	2168	2169	2170	2171	2172	2173	2174	2175	2176	2177	2178	2179	2180	2181	2182	2183	2184	2185	2186	2187	2188	2189	2190	2191	2192	2193	2194	2195	2196	2197	2198	2199	2200	2201	2202	2203	2204	2205	2206	2207	2208	2209	2210	2211	2212	2213	2214	2215	2216	2217	2218	2219	2220	2221	2222	2223	2224	2225	2226	2227	2228	2229	2230	2231	2232	2233	2234	2235	2236	2237	2238	2239	2240	2241	2242	2243	2244	2245	2246	2247	2248	2249	2250	2251	2252	2253	2254	2255	2256	2257	2258	2259	2260	2261	2262	2263	2264	2265	2266	2267	2268	2269	2270	2271	2272	2273	2274	2275	2276	2277	2278	2279	2280	2281	2282	2283	2284	2285	2286	2287	2288	2289	2290	2291	2292	2293	2294	2295	2296	2297	2298	2299	2300	2301	2302	2303	2304	2305	2306	2307	2308	2309	2310	2311	2312	2313	2314	2315	2316	2317	2318	2319	2320	2321	2322	2323	2324	2325	2326	2327	2328	2329	2330	2331	2332	2333	2334	2335	2336	2337	2338	2339	2340	2341	2342	2343	2344	2345	2346	2347	2348	2349	2350	2351	2352	2353	2354	2355	2356	2357	2358	2359	2360	2361	2362	2363	2364	2365	2366	2367	2368	2369	2370	2371	2372	2373	2374	2375	2376	2377	2378	2379	2380	2381	2382
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1944	40	40	30	0	28	0	20	0
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90	400	30	98	0	30	0	98
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[illegible]

수령금	3.24억	매월	3.24억	4.00억	수령금
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100	100	100	100	100	100
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KARONI OR KAROT ITALIAN MILLET. (<i>Setaria italica</i>)			GRAM, CHANI, CHHOLA, KADILLI OR HUMAGA. (<i>Oryza aristata</i>)		
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.

S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.	S. Ch.
...	11 0	12 0	13 0
...
...	14 8	14 12	15 0
...
...	12 0	13 0	14 0

20 0	20 0	...	28 0	29 0	30 0
17 0	18 0	...	24 0	24 0	21 8
...	...	...	26 0	26 0	23 0
19 0	18 0	...	22 0	20 0	20 15
...	...	...	25 0	22 0	20 0
16 0	16 0	...	25 0	24 8	22 0
...	...	...	29 0	28 0	21 0
16 18	21 0	...	27 12	27 12	23 6
...	...	...	24 0	25 4	20 13
...	...	...	20 0	20 0	21 0
...	...	...	25 0	27 0	23 0
...	...	...	20 0	20 0	16 0

Kahol.

...	...	...	17 1	16 11	18 8
...	...	...	16 7	16 7	17 1
...	...	...	...	15 0	16 0

...	...	...	19 8	20 0	15 8
...	...	...	15 0	16 0	14 8
...	...	...	16 0	16 0	14 0
...	...	...	18 0	18 0	19 0

11946

W In 1886 retail price of salt 11 seers per rupee.
X In Bettich retail price of salt 11½ seers per rupee.
Y In sub-divisions retail prices of salt per rupee were :—Bogusrai 11 seers and Jorani 11½ seers.

CALCUTTA,
The 22nd June 1886.

Districts of Bengal during the Fortnight ending the 15th June 1886—(Concluded.)

														WHOLESALE PRICES PER MAUND OF 40 SEERS.			DISTRICTS.	
INDIAN CORN OR MAIZE. (Zea Mays.)			ARHAR OR TUR CADJAN PEA. (Cajanus indicus.)			FIRWOOD.			SALT.			SALT.						
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.				
Eastern Districts.—Concluded.																		
S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	S.	Ch.	Rs. A. P.	Rs. A. P.	Rs. A. P.
...	10 0	10 0	9 8	100 0	100 0	120 0	12 0	12 0	12 0	3 4 0	3 4 0	3 2 0	Chittagong.		
...	Noakhally.		
...	Tipperah.		
...	320 0	320 0	320 0	8 0	8 0	8 0	4 8 0	4 8 0	4 8 0	Chittagong Hill Tracts.		
...	16 0	16 0	11 0	11 0	11 0	3 4 0	3 4 0	3 4 0	Hill Tipperah.		
BEHAR.																		
26 0	28 0	27 0	26 0	27 0	...	120 0	120 0	120 0	11 8	11 8	12 0	3 1 0	3 1 0	3 0 0	Patna.			
...	...	...	21 0	23 0	...	200 0	200 0	200 0	11 0	11 0	11 0	3 5 0	3 5 0	3 5 0	Gya.	
...	...	...	19 0	18 0	...	160 0	160 0	120 0	12 8	12 8	13 0	3 2 0	3 2 0	3 1 0	Shahabad.	
23 0	25 0	20 15	20 0	20 0	...	160 0	160 0	176 0	11 8	11 8	13 0	3 4 0	3 4 0	...	Darbhanga.			
27 0	27 8	21 8	22 8	22 8	...	140 0	140 0	140 0	13 0	13 0	13 0	3 4 0	3 5 0	3 4 0	Muzaffarpore.			
25 8	26 0	24 0	26 8	27 4	...	160 0	160 0	160 0	11 0	12 0	11 0	3 5 0	3 1 0	3 3 0	Saran.			
...	29 0	21 0	27 8	27 0	...	...	...	...	12 0	12 4	12 0	3 5 0	3 2 0	3 4 0	Chhapra.
24 8	21 0	22 0	21 0	21 0	...	126 0	126 0	126 0	13 2	13 2	13 8	2 14 0	2 14 0	2 14 0	Monghyr.			
13 11	25 4	25 4	19 9	20 3	...	164 2	176 12	164 2	11 14	12 10	12 10	3 1 0	3 1 0	3 0 0	Bhagalpur.			
...	...	...	17 0	18 0	20 0	128 0	128 0	160 0	10 8	10 8	11 0	3 10 0	3 9 0	3 5 3	Ferozshah.	
...	...	...	...	...	...	180 0	180 0	180 0	12 0	11 8	12 0	3 4 0	3 6 0	3 1 8	Makiah.
20 0	28 0	19 0	23 0	23 0	...	200 0	200 0	200 0	11 8	11 8	10 0	3 7 0	3 7 0	3 15 0	Sonhat Pergana.			
ORISSA.																		
...	...	...	...	...	...	80 0	80 0	80 0	14 0	14 0	14 0	2 12 0	2 12 0	2 12 0	Cuttack.
...	...	...	17 1	18 8	...	80 0	80 0	80 0	14 7	14 7	16 0	2 10 0	2 10 0	2 6 0	Pooree.	
...	...	...	14 0	14 0	...	120 0	120 0	120 0	9 8	9 8	10 0	3 12 0	3 14 0	3 22 0	Balasore.	
CHOTA NAGPORE. South-Western Frontier Agency.																		
24 0	21 0	16 0	18 0	20 0	...	240 0	240 0	280 0	10 0	10 8	10 0	3 8 0	3 7 8	3 12 0	Hazaribagh.			
...	18 0	...	19 0	18 0	...	120 0	120 0	120 0	9 8	9 8	10 0	4 2 0	4 2 0	3 10 0	Lohardugga.			
...	...	...	21 0	21 0	...	360 0	360 0	320 0	9 0	9 0	9 0	4 0 0	4 0 0	4 0 0	Singbhum.	
...	...	...	18 0	18 0	...	240 0	240 0	240 0	11 10	11 10	10 10	3 8 0	3 8 8	3 8 0	Manbhum.	

2 In sub-divisions retail prices of salt per rupee were:—Banks 12 seers, and Mudehpura and Soopale 10 seers.

21 In sub-divisions retail prices of salt per rupee were:—Kishanganj 10 seers and Arraah (at Raniganj) 12 seers.

22 In sub-divisions retail prices of salt per rupee were:—Rajshahi and Godda 11 seers, Pakour 12 seers, and Jamtara and Deoghur 13 seers.

23 In Bhadrachal retail price of salt 9 seers per rupee.

24 At Kharagpura in Girdi sub-division retail price of salt 12 seers per rupee.

25 In Govindpore sub-division retail price of salt 13 seers per rupee.

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P. NOLAN,
Offy. Secy. to the Govt. of Bengal.

OF 40 SEERA.

MARVA OR RASIA (Floresina Coreana.)			KANGNI OR KIAS ITALIAN MILLS (Salaria itali)		
Present return.	Next preceding return.	Corresponding return of last year.	Preset return.	Next preceding return	
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	
910	885	940	2 2 0	2 2 0	
917	893	960	200	200	
919	895	960	000	100	
1 00	900	965	0 0 0	200	
000	901	0 0 0	200	000	
1 00-1 00		1 00	1 14 0	1 14 0	
0 0 0	000	0 0 0	000	000	
910	000	0 0 0	000	100	
0 0 0	000	0 0 0	000	100	

undermentioned *Marts* of Bengal during the fortnight ending the 15th June 1886.

BEAN, CHANA, CHHOLA, KADALAY OR MUKAGA. (<i>Cicer Arislinum</i> .)			INDIAN-CORN OR MAISE. (<i>Zea Mays</i> .)			ARHAR OR TUR. GADIAN PWA. (<i>Cajanus indicus</i> .)			PINEWOOD.			SALT.			MARTS.
Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	Present return.	Next preceding return.	Corresponding return of last year.	
R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	R. A. P.	
1 12 7	1 12 0	2 0 0	1 13 3	1 12 6	2 12 0	2 0 0	1 15 0	...	0 7 3	0 8 2	0 6 2	2 12 0	2 12 0	2 12 0	Calcutta.
2 3 9	2 2 0	2 4 0	...	...	...	...	...	...	...	...	...	2 0 0	2 0 0	...	Serajunga.
2 6 0	2 0 0	2 6 0	...	...	...	...	...	...	0 5 0	0 5 0	0 7 0	2 2 0	2 2 0	2 0 0	Dacca.
2 7 0	2 6 0	2 2 0	...	...	...	2 6 0	2 6 0	...	0 8 0	0 8 0	0 8 0	2 14 0	2 14 0	2 14 0	Narsinganga.
3 8 0	3 4 0	3 0 0	...	...	...	3 12 0	3 12 0	4 0 0	0 8 0	0 8 0	0 4 0	3 4 0	3 4 0	2 2 0	Chittagong.
1 5 8	1 5 0	1 10 0	1 6 8	1 0 1	1 6 6	1 6 0	1 6 0	...	0 4 8	0 4 8	0 4 8	3 1 6	3 1 6	3 0 0	Falga.
...	2 8 0	2 7 0	...	...	...	2 12 0	2 12 0	...	0 5 0	0 5 0	0 4 0	3 12 0	2 14 0	2 12 0	Bahamra.
...	...	...	...	...	...	...	...	...	...	...	...	2 10 0	2 10 0	2 5 0	Pooran.
...	(kalei)	2 0 0	...	...	...	...	...	...	0 8 0	0 8 0	0 8 0	2 12 0	2 12 0	2 12 0	Cuttack.

and 12th May 1886, page 650, for "Rs. 2-14-0" against Serajunga, Rice account. Present return, read "Rs. 1-14-0."

Published for general information.

P. NOLAN,
Offg. Secy. to the Govr. of Bengal.

Meteorological Report of the Province of Bengal

METEOROLOGICAL DIVISION.			STATION OBSERVATIONS.														
DISTRICT.	Representative station.	AIR PRESSURE.			WIND.		TEMPERATURE.										
		Mean barometric height, 10 A.M.	Mean reduced to sea-level.	Variation from mean.	prevailing direction.	Mean wind velocity.	Highest during week.	Date.	Lowest during week.	Date.	Mean maximum temperature.	Mean minimum temperature of week.	Mean daily temperature.	Variation from normal mean of week.	Mean 10 A.M. temperature.		
OCEANIC.	Pooree	Gopalpore	29.467	29.517	—	SSW	240	80.2	12th, 13th June.	78.8	14th, 15th June.	80.8	81.1	81.3	—	81.3	
	Calcutta	Calcutta	29.461	29.471	—106	SSW	329	91.5	12th, 13th June.	76.1	17th, 18th June.	80.1	79.1	80.1	—2.2	80.1	
	Cuttack	Cuttack	29.410	29.490	—116	W	80	102.9	13th, 14th June.	75.3	18th, 19th June.	80.2	78.7	80.0	—1.0	80.0	
	Balesore	Balesore	29.414	29.472	—	NNE	131.7	100.4	13th, 14th June.	70.4	18th, 19th June.	79.3	78.9	80.2	—	79.3	
SOUTH-WEST BENGAL.	South-West Midnapore	Rampur Island	29.417	29.445	—120	SSE	860	94.7	14th, 15th June.	79.0	16th, 17th June.	80.9	80.6	80.8	—0.7	80.8	
	South 24 Parganas	Midnapore	29.321	29.470	—	NE	905.8	104.4	13th, 14th June.	75.3	16th, 17th June.	80.0	78.7	80.0	—	80.0	
	24 Parganas	Calcutta	29.458	29.479	—102	SSE	182	90.6	13th, 14th June.	75.8	17th, 18th June.	82.1	78.6	80.4	+0.3	80.4	
	Howrah	Howrah	29.404	29.502	—090	E	147	98.7	13, 14, 15 June.	73.9	16th, 17th June.	84.9	79.6	82.3	+2.9	82.3	
	Hooghly	Bankura	29.192	—	—	SE	138	100.6	14th, 15th June.	75.6	17th, 18th June.	84.2	81.2	83.7	—	83.7	
	Burdwan	Burdwan	29.171	—	—	ESE	214.3	102.3	13th, 14th June.	78.4	17th, 18th June.	86.1	80.1	83.3	—	83.3	
	West Burdwan	West Burdwan	29.451	29.528	—068	E	170.9	98.7	13th, 14th June.	77.3	16th, 17th June.	82.0	79.4	80.7	—0.1	80.7	
	Moorthadabad	Krishnagar	29.408	—	—	ESE	167.1	98.8	15th, 16th June.	76.3	16th, 17th June.	83.2	78.4	80.8	—	80.8	
	Nuddea	Jessore	29.487	29.570	—078	E	180.9	98.3	15th, 16th June.	77.4	16th, 17th June.	81.3	79.3	80.3	—	80.3	
	Jessore	Jessore	29.584	29.613	—065	ESE	154	99.6	14th, 15th June.	76.0	18th, 19th June.	86.1	77.4	81.8	+0.4	81.8	
	Chittagong	Chittagong	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Chittagong Hill Tracts	Dumuria	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
SOUTH-EAST BENGAL.	Backergunge	Barisal	29.532	29.547	—	SE	120.8	92.3	14th, 15th June.	77.3	16th, 17th June.	80.3	79.5	80.0	—	80.0	
	Noakhali	Noakhali	29.532	29.576	—	Calm	9	91.7	14th, 15th June.	78.3	17th, 18th June.	80.8	78.0	80.0	—	80.0	
	Faridkot	Faridkot	29.518	—	—	E	180.0	92.6	15th, 16th June.	76.0	16, 17, 18 June.	85.1	78.2	83.6	—	83.6	
	Dacca	Dacca	29.542	29.584	—050	ESE	101	94.3	15th, 16th June.	76.0	16th, 17th June.	87.7	78.0	82.9	—0.4	82.9	
	Tipperah	Comilla	29.523	29.558	—	E	87.4	93.3	15th, 16th June.	76.8	17th, 18th June.	80.8	77.0	80.0	—	80.0	
	Mymensingh	Mymensingh	29.515	—	—	ESE	149.5	91.8	15th, 16th June.	76.1	16th, 17th June.	82.8	78.4	80.6	—	80.6	
	Bogra and Patna	Bogra	29.404	29.534	—	ESE	161.4	94.3	15th, 16th June.	74.8	17th, 18th June.	80.4	78.5	80.0	—	80.0	
	Barisal	Barisal	29.523	29.570	—	E	154.6	90.1	15th, 16th June.	75.7	18th, 19th June.	81.9	78.3	80.1	—	80.1	
	Rajshahi	Rajshahi	29.481	29.493	—	SE	133.4	94.4	14th, 15th June.	78.0	17th, 18th June.	82.2	79.5	80.9	—	80.9	
	Malda	Malda	29.303	—	—	Easterly.	81.4	92.7	15th, 16th June.	76.4	17, 18, 19th June.	83.4	78.7	80.1	—	80.1	
	Dinapore	Dinapore	29.484	29.473	—	ESE	188.1	96.6	15th, 16th June.	75.6	17th, 18th June.	82.0	78.2	80.0	—	80.0	
	Rangpur	Rangpur	29.470	29.594	—	E	87	96.3	15th, 16th June.	75.0	17th, 18th June.	81.9	76.5	80.2	—	80.2	
NORTH BENGAL.	Jalpaiguri	Jalpaiguri	29.541	29.627	—	E	116.7	97.9	15th, 16th June.	69.8	17th, 18th June.	85.5	76.0	80.8	—	80.8	
	Cooh Behar	Cooh Behar	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Darjeeling Hill District	Darjeeling	29.500	—	—	ESE	104.6	73.1	15th, 16th June.	68.0	17th, 18th June.	87.4	80.9	84.1	+2.0	84.1	
	Faridkot	Faridkot	29.534	29.558	—025	ESE	94.6	101.3	15th, 16th June.	7	—	96.6	?	?	?	?	
	North Bhawalpur	North Bhawalpur	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Mossurpur	Mossurpur	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Darbhanga	Darbhanga	29.578	29.582	—012	ESE	190	101.4	17th June.	77.5	18th June.	90.2	82.8	86.4	+4.7	86.4	
	Champaner	Kailash	29.505	29.525	—	ESE	216.1	103.3	18th, 19th June.	77.4	17th, 18th June.	89.0	83.4	91.1	—	91.1	
	Barisal	Barisal	29.522	—	—	E	208.3	107.6	14th, 15th June.	70.0	16th, 17th June.	104.3	83.8	94.0	—	94.0	
	Darbhanga	Darbhanga	29.135	29.477	—	ESE	186.6	104.5	12, 13, 14, 15 June.	85.0	15th, 16th June.	94.3	79.4	86.0	—	86.0	
	Manikganj	Manikganj	29.240	29.481	—	E	290.1	106.6	13th, 14th June.	75.8	18th, 19th June.	102.7	85.0	93.9	—	93.9	
	Arna	Arna	29.286	29.478	—	E	230.4	107.4	13th, 14th June.	76.7	18th, 19th June.	103.0	85.0	93.0	—	93.0	
SOUTH BENGAL.	Gya	Gya	29.100	29.407	—084	E	147	109.6	14th, 15th June.	63.3	16th, 17th June.	103.0	79.3	91.3	+1.0	91.3	
	Patna	Patna	29.342	29.520	—057	E	81.5	106.8	13th, 14th June.	77.2	18th, 19th June.	101.2	84.3	93.8	+3.5	93.8	
	South Bhawalpur	South Bhawalpur	29.361	29.510	—	E	118	98.9	15th, 16th June.	70.0	17th, 18th June.	90.8	80.9	85.4	—	85.4	
	Meerut	Meerut	29.505	—	—	ESE	190.7	101.3	13th, 14th June.	70.1	17th, 18th June.	95.0	79.9	86.7	—	86.7	
	Meerut	Meerut	27.511	29.445	—072	Easterly	380	101.0	13th, 14th June.	71.7	17th, 18th June.	93.3	78.5	85.0	+1.5	85.0	
	Meerut	Meerut	27.547	29.464	—	ESE	231.7	101.3	13th, 14th June.	70.8	17th, 18th June.	95.3	78.0	84.4	—	84.4	
	Meerut	Meerut	27.701	—	—	Variable	116.8	101.3	13th, 14th June.	73.7	17th, 18th June.	90.3	80.1	87.7	—	87.7	
	Meerut	Meerut	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Meerut	Meerut	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Meerut	Meerut	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Meerut	Meerut	—	—	—	—	—	—	—	—	—	—	—	—	—	—	
	Meerut	Meerut	—	—	—	—	—	—	—	—	—	—	—	—	—	—	

* Means for six days.

Explanation.—Summary.—The normal means of air pressure and temperature are the arithmetical averages or means of the readings. The humidity of the atmosphere is expressed as a percentage, saturated air being represented by 100. A clear sky is denoted by U. The amount of rainfall, the normal means are the numerical means or averages of the rainfall in that district determined from the returns from the district (i.e.) from the total rainfall at the sub-divisional stations in the district ending in returns divided by the number of

The week ending Friday, the 18th of June 1886.

DISTRICT OBSERVATIONS.																
RAINFALL.																
Of week.		Since 1st of month.			Since 18th May 1886.							Representative station.		DISTRICT.		
Mean for district.	Normal mean.	Mean for district.	Normal mean.	Variation.	Mean for district.	Normal mean.	Variation.	Average number of rainy days.	Normal number of rainy days.							
07	1.00	—	—	—	—	—	—	—	—	Gopalpore	Pooree					
08	5.86	1.91	8.79	—	5.21	—	—	29	Falsa Point	Cuttack						
09	7.29	8.03	8.86	—	6.49	—	—	31	Cuttack	Cuttack						
10	11.18	1.70	4.14	—	6.84	—	—	29	Balasore	Balasore						
11	5.80	8.74	2.37	5.41	8.23	+0.23	8.36	7.50	-1.84	4.7	3.4	Angkor Island	South-West Midnapore			
12	5.03	5.80	2.18	6.58	6.48	+1.16	8.12	7.41	+0.71	5.7	2.8	Midnapore	South 24 Pargunnas			
13	6.71	6.08	2.50	7.00	5.94	+1.06	9.90	8.52	+1.38	4.1	3.7	Calcutta	Midnapore			
14	6.44	4.74	2.19	5.56	6.25	+0.33	9.04	7.41	+1.63	4.0	3.5	Burdwan	Howrah			
15	4.90	6.17	2.52	5.54	6.79	-0.43	8.77	7.25	+1.52	4.0	3.0	Bankura	Hooghly			
16	4.96	4.37	2.97	4.71	5.48	-0.77	7.70	7.12	+0.58	4.0	3.7	Manasgunge	Bankura			
17	3.05	4.10	2.80	5.23	5.15	+0.40	9.06	7.78	+1.28	3.8	3.5	Berhampore	West Burdwan			
18	3.06	3.88	2.54	4.19	4.59	-2.40	9.55	9.80	+0.17	3.4	3.7	Krishnagar	Moorsbadabad			
19	5.81	6.25	3.51	7.14	6.08	-0.39	12.52	11.20	+1.32	3.8	4.2	Jessore	Nuddea			
20	1.07	—	—	—	17.00	—	—	23.12	—	—	5.4	Chittagong	Jessore			
21	—	2.75	7.24	10.24	13.46	+1.76	19.38	17.00	+2.38	5.0	5.7	Dumagiri	Khoolna			
22	8.61	3.72	6.20	11.21	12.14	-0.56	19.00	18.96	+0.13	3.5	5.3	Barisal	Chittagong Hill Tracts			
23	4.23	3.92	9.51	12.88	10.77	-5.91	15.40	18.97	-3.57	4.0	5.1	Noakhali	Backergunge			
24	2.72	3.97	3.20	7.01	8.06	-1.07	12.38	12.51	+0.13	4.7	4.6	Farrukpore	Noakhali			
25	5.05	4.53	4.00	3.58	7.89	+0.86	16.30	11.80	+4.50	4.5	4.7	Dacca	Farrukpore			
26	4.60	—	—	—	11.70	—	—	16.42	—	—	4.8	Comilla	Dacca			
27	0.81	1.17	4.91	3.76	11.15	-7.42	7.54	16.15	-8.61	3.4	4.7	Mymensingh	Tipperah			
28	1.67	1.60	8.36	3.54	7.50	-4.96	11.23	11.55	-0.32	3.3	3.8	Bogra	Mymensingh			
29	1.72	2.20	1.80	1.89	7.32	-5.53	8.51	11.15	-2.64	4.0	4.2	Serajpore	Bohara and Mubna			
30	4.55	8.41	2.84	6.56	5.12	-2.54	8.34	9.16	-0.82	3.5	3.3	Ramgange	Rajshahi			
31	3.40	2.24	3.06	3.01	6.05	-2.44	6.66	8.37	-1.71	3.0	3.0	Maldah	Maldah			
32	0.91	1.40	2.35	2.55	8.14	-5.89	9.17	10.78	-1.61	3.8	4.0	Dinapore	Dinapore			
33	0.79	1.87	5.48	5.14	12.99	-9.54	18.01	16.24	+1.77	3.5	4.4	Rangpore	Rangpore			
34	1.58	1.78	7.31	4.11	9.18	-5.07	9.82	27.15	-17.33	3.0	5.6	Jalpaiguri	Jalpaiguri			
35	7.91	0.73	6.10	11.78	15.35	-8.60	17.04	20.78	-3.74	4.0	5.0	Darjeeling	Doon Mowar			
36	1.58	1.52	3.92	3.74	6.30	-2.54	7.94	8.37	-0.43	3.3	3.4	Purnea	Darjeeling Hill Districts			
37	—	1.38	2.08	1.47	4.02	-2.54	4.00	4.06	-0.06	3.0	2.4	Moulvibazar	Purnea			
38	0.58	1.40	2.97	1.85	4.23	-2.41	3.98	5.32	-1.34	1.7	2.6	Durgha	North Hamirpore			
39	0.40	0.30	2.15	0.06	3.01	-2.95	3.33	6.14	-2.81	1.3	2.6	Chunar	Moulvibazar			
40	2.10	1.34	1.73	1.88	2.83	-1.57	3.44	5.03	-1.59	1.3	2.4	Chunar	Chunar			
41	0.75	—	—	—	—	—	—	—	—	—	—	Chunar	Chunar			
42	0.09	2.31	1.37	2.30	1.88	+0.42	5.27	2.34	+2.93	2.0	2.5	Chunar	Chunar			
43	1.20	—	—	—	—	—	—	—	—	—	—	Chunar	Chunar			
44	3.36	2.31	1.60	2.30	2.49	-0.19	4.97	3.56	+1.41	2.3	2.3	Chunar	Chunar			
45	2.11	—	—	—	—	—	—	—	—	—	—	Chunar	Chunar			
46	2.97	2.85	2.07	4.91	2.84	+1.07	7.59	4.54	+3.05	2.4	2.7	Chunar	Chunar			
47	3.08	4.45	3.82	5.27	4.79	+0.48	8.30	6.41	+1.89	3.5	3.0	Chunar	Chunar			
48	4.29	—	—	—	—	—	—	—	—	—	—	Chunar	Chunar			
49	4.41	3.52	2.17	6.07	3.79	+2.28	0.50	6.63	-6.13	3.5	3.4	Chunar	Chunar			
50	2.09	2.55	2.09	5.02	3.97	+1.05	11.21	5.91	+5.30	2.0	3.4	Chunar	Chunar			

For the past 10 years. The variations are negative when the mean for the week is less than the corresponding normal mean, and positive when greater. The number denoting amount represents the part of the sky covered, the whole sky being denoted by 10. Under the head "District Observations" for the period in question during the past 12 years. The means of the district are the numerical averages of the rainfall returns received in which at least hundredth of an inch fall.

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.), the 18th of June 1886

Meteorological division.	District.	Station.	RAINFALL.							TOTAL.		Total rain- fall since 1st of month.	Average total rain- fall from 1st of month.	Total rain- fall since 15th May 1880.	Average total rain- fall since 15th May 1880.
			Saturday, 12th June.	Sunday, 13th June.	Monday, 14th June.	Tuesday, 15th June.	Wednesday, 16th June.	Thursday, 17th June.	Friday, 18th June.	Number of rainy days.	Total rainfall in week.				
OCEAN.	Pooree	Pooree	0.16	0.02	1.30	1.30	0.60	0.03	6	4.60	5.78	3.16	0.03		
		Khurda	0.30	0.04	0.05	0.74						4.55			
		Baupur			0.05							4.40			
		Paise Point		0.02	2.54	1.04	0.57	0.18	5	4.80	5.01	8.01	7.04		
		Gop	0.35		1.50	2.40									
	Cutback	Jaratinspore	0.25		0.00							2.53			
		Banki	1.00	0.00	0.77	0.57	1.58					5.17			
		Cutback	1.62	0.29	2.63	1.67						5.29			
		Kondrapam			2.22	2.17	0.77	1.87	4	7.03	0.31	4.03	11.39		
		Jaspore			1.22	1.58	1.71	2.56	4	7.08	0.25	4.27	10.94		
Halsore	Pharaulia			1.50	1.00	1.05	3.18	4	7.33	7.17		12.10			
	Satipora														
	Chandbali				4.15		0.85	3.87	3	6.67	7.90	2.57			
	Bhadruck	0.30			0.50	0.52	1.22	3.43	5	5.77	7.50	4.11	12.00		
	Sulakore	0.10			1.20	4.40	2.65	1.30	6	10.48	11.13	4.07	12.32		
South-West BISAL.	Midnapore	Contai				0.47	1.02	0.40	0.16	4	2.71	5.04	5.07	5.10	
		Saintor Island				0.30	2.22	2.22	0.15	4	4.26	7.00	5.45	0.10	
		Tamluk	0.20		0.50	1.70	1.70	0.60	0.60	4	5.80	8.00	4.82	0.70	
		Midnapore		0.14		0.14	3.03	0.40	1.32	5	5.37	0.45	5.88	7.16	
		Ghatal	0.17		0.03	0.81	2.90	0.50	0.50	5	6.22	0.24	6.50	7.36	
	44-Paraganah	Derog		0.30		0.81	0.18	0.00	0.00	5	2.95	3.38		3.60	
		Hora				1.20	0.55	0.29	1.20	4	3.63	0.45		8.30	
		Bhaguranpore				1.35	1.01	2.04	0.52	4	5.92	7.30		12.24	
		Garbeta				1.81	2.60	1.30	0.02	4	1.22	6.82		12.20	
		Diamond Har- bour	0.30	0.04	0.20	0.36	2.35	0.03		6	3.25	4.10	0.13	5.48	
Howrah	Canning Town	0.13			0.27	1.36	0.20		5	3.00	4.30		8.58		
	Alipore Jail				0.70	0.60	2.08	0.24	4	7.17	7.34	4.25	5.30		
	Barrackpore				0.51	1.12	3.15	0.30	4	6.08	5.05	6.74	8.12		
	Dum-Dum				0.10	3.11	3.07	0.45	4	4.03	6.03	6.03	9.41		
	Darabot	0.73			0.73	1.04	3.59	0.48	5	0.19	7.48	5.94	11.46		
Hooghly	Kuseerhat				0.09	1.08	0.02	0.52	4	3.81	6.01	6.40	13.91		
	Howrah				0.41	4.25	1.85		3	4.61	6.45	5.08	8.49		
	Dohemra				0.69	1.60	5.13	0.10		5	5.10	5.85	5.46		
	Seramipore		0.02	0.29	2.05	3.00	0.50		5	5.88	5.80	6.22	0.16		
	Hooghly		1.67	0.05	2.78	0.03			4	5.73	0.03	5.00	11.22		
Kurdwan	Jebansbad		0.16	0.07	3.45	3.02			4	8.60	0.02	4.00	13.06		
	Gulna		0.40		1.03	1.97	0.22		3	4.92	0.58	5.05	0.73		
	Burdwan			0.50	1.10	2.74	2.50		4	6.84	0.91	2.72	10.41		
	Cuttack			0.50	1.10	1.90	0.60		4	5.10	3.20	6.30	8.77		
	Bankura			0.11	1.50	2.53	0.73		3	5.91	5.72		8.51		
Bankura	Kanducunge	0.02			1.50	2.62	0.05		4	6.63	0.03	4.13	7.47		
	Bankura			0.25	1.90	2.53	0.35		4	5.03	5.17	5.26	8.57		
	Bishenpore			0.32	2.40	2.45	0.83		4	5.20	5.30	6.74	11.68		
	Mahira			0.40	1.35	2.14	2.00		4	5.05	0.69	5.20	9.14		
	Khetra			0.23	1.14	2.74	0.30		4	4.48	0.63	5.39	8.68		
Bankura	Indra			0.48	0.68	3.23	0.75		4	6.14	7.50		12.03		
	Kota-pore				1.36	2.00	0.30		3	3.72	0.11		7.78		
	Anda				1.40	0.80	0.60		3	2.80	2.80		5.50		
	Gungajalghati	0.30			1.35	0.65	3.75	0.22	5	6.38	7.38		10.35		
	Raipur				1.20	1.80	1.70	0.45	4	5.30	7.14		13.19		
Bansbaroo	Nowakukhat				0.20	1.72	0.80	0.12	4	2.82	5.01		8.40		
	Rh. Roory				0.00	0.72	2.58	1.40	4	5.70	5.50	5.23	9.30		
	Hetampore				0.42	3.52	1.25	0.20	4	6.39	5.55	6.81	7.67		
	Karnapore				0.05	0.48	1.28	0.02	4	2.48	2.75	5.74	8.78		
	Bolpore				1.58	1.00	5.24	1.05	4	7.45	5.05		14.71		
Nadua	Bamughat					1.74	1.90	1.08	3	4.78	4.89	6.09	3.40		
	Kishinathur				0.38	1.11	1.41	0.27	4	3.17	3.22	5.41	4.30		
	Chocacunga					1.32	1.72	1.01	3	4.05	6.05	6.73	13.13		
	Nerupore					1.14	1.10	0.60	3	2.62	3.53	4.63	13.50		
	Kooshten				0.24	0.96	5.91	0.90	4	4.77	5.22	7.37	13.16		
Chocina	Sakira				0.41	1.67	1.63	0.03	4	5.79	4.02	7.60	7.13		
	Bakirhat				0.10	5.30	1.02	0.03	4	4.43	0.24	6.62	0.60		
	Khooma				0.07	3.26	4.02	0.10	4	5.40	5.70	7.81	13.31		
	Natal				0.50	2.40	2.56	0.19	4	9.35	8.74	2.00	14.20		
	Jasore				0.20	2.32	2.00	0.27	3	6.01	0.37	8.81	3.46		
Jasore	Juonidah				1.24	2.18	4.72		3	7.60	5.61	9.14	13.34		
	Mugorah					3.24	4.47	0.25	3	8.97	10.42	7.60	23.33		
	Baugang					1.76	1.10	1.22	3	4.07	4.07	0.82	8.41		
	Kundi				0.55	1.32	0.43	0.10	4	2.61	4.10	5.67	6.80		
	Berhampore				0.42	0.52	1.27	0.71	4	3.62	5.88	5.71	8.08		
Meornhedabal	Laluk				0.60	0.31	2.20	1.34	4	4.71	8.01	5.03	8.65		
	Amnalingo				0.80	0.30	1.70	2.00	4	6.62	5.48	0.13	10.72		
	Jaugpore				0.60	0.10	3.71	1.24	4	6.30	5.11	4.33	8.08		
	Lalgolah					2.64	0.84	0.95	3	4.13	4.43	0.23	8.94		
	East Buxal	Chittagong	Loa's Beasr	0.55	0.08	0.01	4.15	1.32	0.09	8	7.08	10.01	20.32	23.48	
Chittagong	Chittagong	Arwadia	0.50			1.00	0.20				14.81				
	Satanyia		0.23	0.70	0.13	0.76	1.35						18.62		
	Kandemati		0.06	0.47		0.54	0.70	0.43	0.03	8	2.88	14.14	12.70		
	Rill Trank		0.09	0.18	0.40	0.21	1.30	0.70		8	2.83	16.36	14.11		
	Backergunge	Patukhally					3.12	2.85		2	6.94	18.53	14.68	21.78	
Backergunge	Persepore					8.66	0.52	0.40	4	4.45	8.91	5.87	17.17		
	Hurtal					1.63	6.23	0.28	3	8.70	10.01	3.24	16.72		
	Bhola	0.23	0.12			1.25	2.04	2.21	5	6.56	12.80	14.78	16.72		

District.	Station.	RAINFALL.										TOTAL.		Total rain-fall since 1st of month.	Average total rain-fall from 1st of month.	Total rain-fall since 15th May 1895.	Average rainfall from 15th May 1895 to date.
		Saturday, 14th June.	Sunday, 15th June.	Monday, 16th June.	Tuesday, 17th June.	Wednesday, 18th June.	Thursday, 19th June.	Friday, 20th June.	Number of rainy days.	Rainfall week.	3						
Nagbally	Gourmandi	0.17			0.24	1.80	1.34	0.34	4	8.18	6.31	11.71					
	Rasphal				0.27	2.20	2.04	1.07	6	7.50	15.50	21.67					
	Noakhally	0.45	0.19			1.78	0.73	0.20	5	3.18	15.56	18.47	20.38				
	Phany				0.30	3.30	0.50		3	4.70	10.14	12.31	27.56				
Barisal	Harishpur	0.01		0.06	0.68												
	Rampanj				0.98	1.84	1.75	1.55	4	5.24	16.81	23.47					
	Maduripur	0.12			1.00	1.70	2.52	0.17	5	5.21	13.80	17.42	32.11				
	Furkandipore				0.62	0.82	0.75	0.25	4	2.44	3.18	11.45	18.50				
Dacca	Lonkando	0.03			0.20	0.50	1.04	0.55	5	2.25	3.12	9.70	11.45				
	Munshingunge				2.08	0.80	1.05	1.37	4	5.30	11.86	16.34	14.72				
	Dacca	0.31			1.32	0.90	1.12	1.22	5	4.63	9.81	12.62	12.74				
	Munshingunge	0.31			2.34	0.84	0.94	1.40	5	5.73	9.14	15.39	10.40				
H.M. Tipperah	Munshingunge				0.32	0.51	1.50	0.55	4	3.08			10.05				
	Jaydebore	0.63			0.25	0.33	0.72	0.50	5	2.80	10.01	12.74	10.05				
	Agartala					0.80	0.56						15.04				
	Chandipore		0.23		2.05	2.15	0.25	0.05	5	4.73	7.60	12.45	10.04				
Mymensingh	Chandipore				0.80	2.40	1.10	2.75	4	5.05	15.03	10.40	10.10				
	Krishnanagar	0.18			1.65	0.62	0.30						18.45				
	Ramchandrapore				1.30	0.54	0.12	0.48	6	2.44	3.78	8.72					
	Nasirnagar			0.65	2.00	0.71	1.22	1.27	6	7.42	11.09	16.41					
Fahna	Bandkandi	0.34			0.40	0.18	0.32		4	2.00	4.25	1.45					
	Kaaba				1.05	1.54	0.41		3	3.04	7.60	9.53					
	Laksham																
	Kishoreganj				0.22		0.10	0.25	3	0.96	2.20	6.79	18.44				
Bogra	Atia (Tangail)						1.04	1.48	2	3.24	5.81	7.98	28.14				
	Mymensingh				0.66	0.24	0.22	3	0.82	3.44	12.18	7.30	20.04				
	Jamshilpore				0.38	0.70		2	1.08	2.81	9.68	6.30	14.41				
	Netrokona				0.47		0.13	2	0.23	4.92	11.57	8.97	18.00				
Fahna	Subornathally						0.42										
	Durgapore				0.00	0.43	0.34	3	0.82	3.59		13.05					
	Dowdangaj				0.17	0.45											

Statement of Rainfall in Bengal for the week ending Friday (6 p.m.) the 18th June 1886, *concl'd.*

Meteorological division.	District.	Station.	RAINFALL.						TOTAL.		Total rain-fall since 1st of month.	Average total rain-fall from 1st of month.	Total rain-fall since 15th May 1886.	Average rainfall from 1st of May to date.
			Saturday, 12th June.	Sunday, 13th June.	Monday, 14th June.	Tuesday, 15th June.	Wednesday, 16th June.	Thursday, 17th June.	Friday, 18th June.	Number of rainy days.	of rainfall week.			
NORTH BENGAL—continued.	Burdwan	Gopalpur	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	3.13	3.04
		Burwan	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	3.21	3.24
SOUTH BENGAL	Bhahabad	Chuprah	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	3.51	3.41
		Bahar	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	1.05	1.00
	Gya	Baran	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	1.00	1.00
		Baran	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	1.00	1.00
	Patna	Baran	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	1.00	1.00
		Baran	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	1.00	1.00
	Wazirpur	Baran	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	1.00	1.00
		Baran	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	1.00	1.00
	South Bhawal-pore.	Baran	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	1.00	1.00
		Baran	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	1.00	1.00
	South Per-gunahs.	Baran	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	1.00	1.00
		Baran	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	1.00	1.00
CENTRAL INDIA.	Bazarganj	Baran	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	1.00	1.00
		Baran	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	1.00	1.00
	Lohardugga	Baran	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	1.00	1.00
		Baran	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	1.00	1.00
	Singhbhum	Baran	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	1.00	1.00
		Baran	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	1.00	1.00
	Sambhun	Baran	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	1.00	1.00
		Baran	0.00	0.00	0.00	0.00	0.00	0.00	0.00	1	0.00	0.00	1.00	1.00

Notation.—Indicates that no rain has fallen. If the return for any day has not been received, the corresponding space is left blank. If any of the returns are wanting, the corresponding spaces in the total rainfall columns are left blank.

CALCUTTA, the 21st June 1886.

**SUMMARY OF THE METEOROLOGICAL AND RAINFALL OBSERVATIONS
TAKEN IN BENGAL FOR THE WEEK ENDING FRIDAY, THE 18TH OF
JUNE 1886.**

THE most important feature of the meteorology of the past week has been the formation of a cyclonic storm of considerable intensity at the head of the Bay, and its passage in a north-westerly direction, as far certainly as the Bikaner desert, where the storm was situated on Sunday, the 20th, though at this time it had become very feeble and had almost broken up. By the advance of this storm over the country, the monsoon rains have been brought up to the whole of Bengal, and thus the storm will probably form an important feature in the meteorological history of the year.

From the observations received on Saturday, the 12th June, there were no indications of the existence of the storm; pressure was, however, falling rapidly, particularly at the head of the Bay, and while very light winds were blowing in South Bengal, in the centre and south of the Bay a fairly strong monsoon current was reported. The observations, however, which were received on Sunday, the 13th, showed very distinctly that a feeble cyclonic storm was in process of formation at the head of the Bay. The storm continued to develop, remaining almost stationary on the 14th, and on this day very strong monsoon winds were reported from the whole of the centre and south of the Bay, showing clearly that the storm had intensified. On Tuesday, the 15th, the storm had again intensified still further, and was evidently advancing in a northerly or north-westerly direction, and storm signal No. 6, denoting that a small cyclonic storm was advancing towards the head of the Bay, was hoisted at the signal stations in the river Jughli at 2.30 A.M. of the 15th. On this day the centre of the storm was probably to the east or south-east of False Point, though a considerable distance from land. During the whole of this day it was evident that the storm was intensifying and slowly, but steadily, advancing, and as it progressed it became evident that it would reach the coast not very far from Saugor Island, so at 6.30 P.M. orders were issued to hoist a further signal indicating the advance of the storm towards Saugor Island. The storm centre continued to approach nearer and nearer to Saugor Island during the night of the 15th and the morning of the 16th, and as the storm was evidently of considerable size and intensity, it was thought desirable to hoist the first or warning signal in the Calcutta Port, indicating the existence of a cyclone near Saugor Island, and its probable approach towards Calcutta. This signal is the only one available for the Port of Calcutta to indicate the existence of a storm which is near Saugor and approaching northward, whether the storm be of the most intense kind or of comparatively small intensity.

The storm centre reached the coast to the east of Saugor Island at 7 A.M. on the morning of the 16th, and travelling in a north-westerly direction its centre was a little to the north of that station at 10 A.M. of this day, where the excessively low pressure of 29.105 at 9 A.M. was reported. So far as observations have been received up to the present time, it would appear that the centre of the storm was accompanied by winds which were of very considerable violence, though comparatively little damage was done; but at Mud Point it may be mentioned the violence of the wind was such that it broke the signal flagstaff on which the storm signals are hoisted, so that for the present storm signals cannot be hoisted at that station. From the light-vessel at the mouth of the Mutiah it has been since reported that they were visited by a cyclone on the 16th, so it is probable that the storm centre passed either over this place or close to it, and then advancing in a north-westerly direction to the north of Saugor Island, it passed through the Midnapore district. At 10 A.M. on the 17th the centre of the cyclonic storm was in the south or south-west of Chutia Nagpur, probably to the south-west of Ranchi, while at 10 A.M. on the morning of the 18th the storm was passing from South Behar into the North-West Provinces, the centre being probably to the south-west of Dehree, and on the morning of the 19th the telegraphic report from the Meteorological Reporter of the Government of India at Simla showed that the storm had advanced to Jhansi, and on the morning of the 20th it had advanced to the Bikaner desert, where it finally broke up. The storm the fore travelled over a course of about 1,200 miles, and after it passed over the land, it advanced in a north-westerly direction at the rate of about 200 miles a day.

When the storm centre had advanced well inland, the storm signals which had been hoisted in the Port and in the river were lowered at 4 A.M. of the 17th instant.

The advance of the storm over the land was accompanied by very heavy rain, and in the rear of the storm a very strong advance of monsoon winds took place over the whole Bay, which, following the storm, have caused the rainy season to set in over the whole province. The rainfall has of course been heaviest in the line of the advance of the storm, and some extremely heavy falls of rain are thus reported in South-West Bengal, Orissa, Chutia Nagpur and South Behar, while the rainfall has been lighter in other districts.

The pressure variations during the week have been exceptionally large, for, as before stated, the pressure accompanying the storm was exceptionally low, and it is probable that when detailed information of the storm is received, it will be found that pressure was decidedly below 29 inches at its centre, which is of course exceptionally low. Pressure has consequently been much below the normal, the greatest defects occurring in the path of the storm. Thus at Saugor Island the mean pressure for the week has been 0.159" below the normal, at False Point the defect has been 0.156", and so on. The mean pressure for the whole province has been 0.072" below the normal for the week.

With the heavy rainfall which has attended and followed the advance of the storm, temperature fell with great rapidity from Wednesday, the 10th, but previous to this temperature was largely above the normal in all districts. The mean temperature of the province for the week is thus 1.2° in excess of the normal, while in North Behar the excess has been no less than 4.7° and in South Behar 2.7° .

Rainfall, as stated previously, has been particularly heavy in South-West Bengal, Chutia Nagpur, Orissa and South Behar, while comparatively small quantities have fallen in other districts. In South-West Bengal the average fall for the week is 5.14 inches, which is nearly double the normal fall; in Orissa the fall has been 6.00 inches, the normal amount being 1.86 inches, and thus this district has received three times the normal fall. In Chutia Nagpur the actual fall has been 3.82 inches the normal being 2.47 inches, so that this division has received about one and a half times the usual amount. South Behar reports 3.12 inches against the normal 2.13 inches, or an inch in excess. The other districts have received falls in defect of the normal—thus East Bengal has received 3.90 inches against 5.74 inches, North Bengal 1.90 inches against the normal 4.47 inches, and North Behar 1.31 inches against 2.93 inches, so in each case the fall is considerably below the normal. The heavy rainfall accompanying the advance of the storm is shown by the fact that on the 16th the following stations reported falls exceeding 4 inches:—Balasore, Howrah, Johanabad, and Cox's Bazar, while ten stations reported amounts between 3 and 4 inches and seventeen stations between 2 and 3 inches. On the 17th 29 stations reported amounts over three inches and 38 stations over two inches.

The following table gives the summary of the temperature and rainfall data of each of the seven meteorological divisions of the province for the week ending Friday, the 18th of June 1886:—

METEOROLOGICAL DIVISIONS.	TEMPERATURE.						RAINFALL.									
	Highest observed during week.	Lowest observed during week.	Average for week.			Average mean of week above or below normal mean of week.	Of week.			Rainy days.			Since 1st of month.		Since 1st of May.	
			Of highest of each day.	Of lowest of each day.	Of mean for each day.		Average.	Normal average.	Variation.	Average number in week.	Normal average number in week.	Variation.	Average.	Normal average.	Average.	Normal average.
Orissa	102.8	78.4	90.8	78.3	84.5	-1.6	6.00	1.66	+4.34	4.5	3.4	+1.1	7.66	8.93	10.23	5.77
South-West Bengal	104.4	75.2	85.1	79.6	82.3	+0.1	5.14	2.70	+2.44	4.0	3.7	+0.3	6.34	6.08	0.72	8.58
East Bengal	85.3	70.8	87.9	78.2	83.1	0	3.90	5.74	-1.84	4.8	4.9	-0.7	9.02	11.80	14.79	15.90
North Bengal	90.6	69.3	82.3	75.2	83.3	-	1.90	4.47	-2.57	3.9	4.3	-1.4	3.27	11.78	10.34	15.41
North Behar	107.5	78.0	100.8	82.9	91.9	+4.7	1.31	2.93	-1.62	1.4	3.8	-1.9	1.44	4.57	4.86	8.97
South Behar	108.6	83.0	92.2	81.6	90.4	+2.7	3.12	2.13	+0.99	2.7	2.8	-0.1	3.63	3.23	5.74	4.55
Chutia Nagpur	101.0	70.9	85.9	75.4	84.9	+1.3	3.84	2.47	+1.37	3.8	2.7	+0.1	4.25	4.03	4.80	5.13

* Purneah not included.
† Chyebasa not included.

METEOROLOGICAL OFFICE, BENGAL;
The 22nd June 1886.

ALEXANDER PEDLER,
Offg. Meteorological Reporter to the Govt. of Bengal.

Results of the Meteorological Observations taken at the Alipore Observatory from 13th to 19th June 1886.

Month.	Date.	Mercury in vac.	Number of hours of bright sunshine.	Mean pressure barometer at 23° Fahr.	TEMPERATURE.				HYGROMETRY.				Prevailing direction.	Miles recorded.	Rain.	Weather.
					Mean.	Maximum.	Range.	Minimum.	Mean wet bulb.	Vapour tension.	Dew point.	Humidity.				
1886.		°		Inches.	°	°		°	°	Inches.	°	%.			Inches.	
June	13th	159.5	9.4	29.491	86.0	96.9	10.9	80.2	81.9	0.975	78.5	75	SE by E, ENE and SSE.	114	Nil	Chiefly cloudy.
"	14th	156.8	9.7	29.430	87.9	96.5	10.6	80.5	80.8	0.953	77.9	74	SSE, E and variable.	101	Not measurable.	Chiefly cloudy, o, s, d, t.
"	15th	158.0	1.8	29.361	85.4	96.1	10.7	82.3	78.5	0.913	76.4	80	ENE	280	0.92	Cloudy, o, s, t, d, p.
"	16th	104.5	Nil	29.167	79.4	82.8	6.6	76.2	77.8	0.982	77.1	93	NE, ENE and ESE	450	4.48	Cloudy, s, g, d, p, t.
"	17th	100.5	"	29.204	80.3	82.8	7.5	75.3	78.5	0.954	77.8	92	SE and SE by S	255	1.36	Cloudy, o, s, d, t, p.
"	18th	114.3	1.1	29.448	83.3	85.0	9.8	76.1	79.8	0.979	78.6	87	SE and SSE	144	0.14	Chiefly cloudy, o, p, t.
"	19th	131.0	0.5	29.695	82.3	85.6	6.6	79.4	79.6	0.976	78.5	88	SE by S and ESE	80	0.00	Chiefly cloudy, o, s, p, d, t.

The mean pressure of the seven days	...	Inches.	29.430
The average pressure of the corresponding period for 24 years, S. G.'s Office	...	...	29.532
The total number of hours of bright sunshine	...	Hours.	22.6
The maximum possible number of hours of sunshine	...	...	94.3
The mean temperature of the seven days	...	°	83.5
The average temperature of the corresponding period for 24 years, S. G.'s Office	...	...	84.2
The extreme variation of temperature	...	...	21.2
The maximum temperature	...	...	96.5
The highest velocity of the wind in one hour	...	Miles.	25
The highest pressure of wind on one square foot	...	Lbs.	11
The mean relative humidity	...	%.	84
The average relative humidity of the corresponding period for 24 years, S. G.'s Office	...	...	83
The total fall of rain from 13th to 19th June 1886	...	Inches.	7.45
The average fall of the corresponding period for 24 years, S. G.'s Office	...	...	3.93
The total fall from 1st January to 19th June 1886	...	...	19.19
The average fall of the corresponding period for 24 years, S. G.'s Office	...	...	17.22

The mean pressure, temperature, &c., are deduced from the traces of the Barograph and Thermograph, and from observations made at 6h, 10h, 16h, and 22h.

The maximum and minimum temperatures are obtained from self-registering thermometers. All the thermometers are verified, and the readings have been corrected to a standard constructed and verified at the Kew Observatory. They are exposed under a thatched shed open at the sides, and are suspended four feet above the ground.

The barometer readings are corrected approximately to those of the standard Newman's No. 85, formerly at the Surveyor-General's Office.

The hygrometric elements are obtained from Tables III, IV, and V of the official tables computed in the Meteorological Office, and based on Regnault's modifications of August's formula.

The directions and the movement of the wind are taken from the trace of a Beckley's anemograph.

The mouth of the rain-gauge is one foot above the ground.

o overcast, g gloomy, d drizzling rain, t thunder, p passing temporary showers.

A. PEDLER

For Meteorological Reporter to the Govt. of India.

METEOROLOGICAL OFFICE, INDIA'S
Calcutta, the 21st June 1886.

**Results of the Thermometrical Observations taken at the Meteorological Office,
Chowringhee, from 13th to 19th June 1886.**

MONTH.	Date.	TEMPERATURE.				Mean wet bulb.	HYGROMETRY.			Rain.
		Mean.	Maximum.	Range.	Minimum.		Vapour tension.	Dew point.	Humidity.	
1886		"	"	"	"	"	Inches.	"	%	Inches.
June	13th	87.1	97.0	16.0	81.0	82.0	1.028	80.0	80	.....
"	14th	87.7	98.0	16.8	81.2	80.9	.981	78.1	78	.....
"	15th	80.5	97.0	17.4	79.6	79.2	.981	78.7	84	0.87
"	16th	78.6	82.9	6.1	76.8	78.1	.957	77.9	98	3.66
"	17th	78.8	83.7	7.7	76.0	78.1	.954	77.8	97	2.92
"	18th	82.4	87.5	10.7	76.8	80.6	1.016	79.7	91	0.24
"	19th	81.4	86.2	6.9	79.3	79.8	.997	79.1	93	0.59

The mean temperature of the seven days 82.4

The extreme variation of temperature 22.0

The maximum temperature 98.0

The mean relative humidity 89

The total fall of rain from 13th to 19th June 1886 7.48

The mean temperature and humidity are obtained by applying to the mean of the 10h, 16h and minimum readings a correction dependent on the range, and derived from the hourly observations at the Surveyor-General's Office, Chowringhee, in past years.

METEOROLOGICAL OFFICE, INDIA;
Calcutta, the 21st June 1886.

A. PEDLER,
For Meteorological Reporter to the Govt. of India.

MEMORANDUM.

DURING the week ending 5th June 1886, the returns of the principal Municipalities in Bengal disclosed the following particulars.

1. That births and deaths were registered in these Municipalities at the rates, respectively, of 14.8 and 20.2 per 1,000 of population as opposed to 17.4 and 22.1 per 1,000, respectively, during the preceding week ending 29th May, indicating a considerable reduction in the registration of both events.

2. That these events were returned at the highest rates by the following Municipalities:—

<i>Births.</i>				<i>Deaths.</i>			
			Ratio per mille.				Ratio per mille.
Gya	...	...	21.9	Beaulah	...	...	60.4
Serampore	...	...	21.6	Patna	...	...	37.6
Howrah	...	...	21.2	Comillah	...	...	34.7
				Bhagulpore	...	...	29.9

3. That the mortality from the specific death-causes mentioned in the table appended to this memorandum, compared with similar information for the preceding week, stood as follows:—

Ratio per mille during the weeks ending—							
				5th June 1886.	29th May 1886.		
Cholera	...	...	...	1.4	1.1		
Small-pox	...	...	...	.1	.2		
Fever	...	...	...	9.4	10.3		
Bowel-complaints	...	...	...	3.5	3.6		
Injury	...	...	...	.5	.5		
Other causes	...	...	...	5.3	6.4		

The only noticeable fact revealed by the above figures is that the death-rates from fever and the maladies classed under the head of "Other causes" had diminished sensibly.

4. That referring to the diseases mentioned above, excluding small-pox and injury, the mortality from which was nowhere high, and fever and "other causes" which proved fatal only in Beaulah and Puri towns at the rates of 55.2 and 16.8 per 1,000 of their populations, respectively, cholera and bowel-complaints caused the highest mortality in the following Municipalities:—

<i>Cholera.</i>				<i>Bowel-complaints.</i>			
			Ratio per mille.				Ratio per mille.
Patna	...	...	4.2	Comillah	...	...	16.4
Howrah	...	...	2.8	Patna	...	...	10.7
Suburbs of Calcutta	...	...	2.5				

5. That the death-rates in relation to Sex, Class and Age stand at the rates noted below:—

<i>According to Sex.</i>			<i>According to Class.</i>			<i>According to Age.</i>		
		Ratio per mille.			Ratio per mille.			Ratio per mille.
Males	...	21.3	Christians	...	21.7	Under 1 year	...	149.2
Females	...	19.0	Hindus	...	20.7	1 and under 5 years	...	42.7
Ratio of male deaths to every 100 female deaths.	136		Mahomedans	...	19.2	5 " 10 "	...	9.9
						10 " 15 "	...	8.1
						15 " 20 "	...	12.9
						20 " 30 "	...	11.7
						30 " 40 "	...	16.3
						40 " 50 "	...	16.2
						50 " 60 "	...	12.0
						60 years and upwards	...	36.2

R. LIDDESDALE, M.D., Deputy Surgeon-General,
Sanitary Commissioner for Bengal.

The 21st June 1886.

Statement showing the Results of the Registration of Births and Deaths in the Principal Municipalities in Bengal during the week ending 5th June 1886.

DISTRICTS.		POPULATION.		BIRTHS.			MORTALITY ACCORDING TO—										Sex.	
NAMES OF MUNICIPALITIES.		POPULATION.		BIRTHS.			Disease.										Sex.	
							RATIO PER 1,000 OF POPULATION PER ANNUM.											
							DEATHS FROM—											
RATIO PER 1,000 OF POPULATION PER ANNUM.		RATIO PER 1,000 OF POPULATION PER ANNUM.		RATIO PER 1,000 OF POPULATION PER ANNUM.		RATIO PER 1,000 OF POPULATION PER ANNUM.		RATIO PER 1,000 OF POPULATION PER ANNUM.		RATIO PER 1,000 OF POPULATION PER ANNUM.		RATIO PER 1,000 OF POPULATION PER ANNUM.		RATIO PER 1,000 OF POPULATION PER ANNUM.		RATIO PER 1,000 OF POPULATION PER ANNUM.		
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2	357	98	81	109	117	153	163	170
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R. LIDDERDALE, M.D.; *Deputy Surgeon-General,
Sanitary Commissioner for Bengal.*

OFFICE OF SANITARY COMMISSIONER FOR BENGAL,
The 21st June 1886.

PUBLIC WORKS DEPARTMENT, BENGAL.

IRRIGATION BRANCH.

Statement showing Heights over mean sea-level and low water in the Rivers Gangetic, Bhagiruthi, Jellinghee, and Bahnapoolra, for the month of May 1886.

Date.	RIVER GANGETIC.										RIVER BHAGIRUTHI.		RIVER JELLINGHEE.		RIVER BAHNAPPOOLRA.	
	Mitrapore.	Benares.	Buxar.	Dinapore.	Monghyr.	Sahibganj.	Rampore Neanteth.	Goolando.	Barhampore.	Krishnachur.	Gowhally.					
Miles.	Height over zero of gauge, sea-level.	Height over mean of gauge, sea-level.	Height over zero of gauge, sea-level.	Height over mean of gauge, sea-level.	Height over mean of gauge, sea-level.	Height over mean of gauge, sea-level.	Height over mean of gauge, sea-level.	Height over mean of gauge, sea-level.	Height over mean of gauge, sea-level.	Height over mean of gauge, sea-level.	Height over mean of gauge, sea-level.	Height over mean of gauge, sea-level.	Height over mean of gauge, sea-level.	Height over mean of gauge, sea-level.	Height over mean of gauge, sea-level.	Height over mean of gauge, sea-level.
	From Allaha ... 60.	From Allaha ... 136.	From Mirza ... 49.	From Benares ... 90.	From Benares ... 177.	From Benares ... 31.	From Benares ... 94.	From Benares ... 671.	From Benares ... 501.	From Benares ... 150.						
1st	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33
2nd	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33
3rd	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33
4th	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33
5th	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33
6th	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33
7th	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33
8th	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33
9th	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33
10th	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33
11th	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33
12th	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33
13th	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33
14th	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33
15th	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33
16th	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33
17th	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33
18th	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33
19th	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33
20th	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33
21st	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33
22nd	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33
23rd	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33
24th	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33
25th	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33
26th	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33
27th	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33
28th	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33
29th	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33
30th	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33
31st	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33	1.33

D. B. HORN,
Under-Secy. to Govt. of Bengal.

The 22nd June 1886.

CIRCULAR AND EASTERN CANALS.

Approximate Return of the Traffic on the Circular and Eastern Canals for the week ending Saturday, the 19th of June 1886.

Number of boats.	Nature of cargo.					Weight of cargo.	
						Mds.	lbs.
204	Rice and paddy	...	...	...	...	48,052	820
6	Jute	...	...	...	...	6,900	114
85	Firewood	...	...	...	...	35,950	518
538	Other articles	...	...	...	...	1,43,520	2,153
833	Total					2,34,422	3,609

Statement of fluctuation of Goods Traffic on Dacca State Railway for the month of May 1886.

Description of Goods.					Inwards, maunds.	Outwards, maunds.	Total maunds.
Food-grain	...	...	...	...	87	217	354
Firewood	...	...	...	...	490	450	850
Gunny-bags	...	...	...	...	...	3	3
Jute	...	...	...	...	...	180	180
Piece-goods	...	...	...	...	1,751	118	1,869
Railway materials	...	...	...	...	2,761	2,617	5,378
Sugar	...	...	...	...	11	12	23
Oil	...	...	...	...	98	98	196
Coal	...	...	...	...	...	17	17
Wines	...	...	...	...	54	56	110
Rice	...	...	...	...	95	87	182
Provision	...	...	...	...	...	531	531
Hardware	...	...	...	...	35	112	147
Shoes	...	...	...	...	2	...	2
Hides	...	...	...	...	127	28	155
Spices	...	...	...	...	67	...	67
Seeds	...	...	...	...	...	28	28
Timber	...	...	...	...	...	8	8
Salt	...	...	...	...	33	66	99
Lime	...	...	...	...	700	700	1,400
Miscellaneous	...	...	...	...	3,847	1,740	5,587
GRAND TOTAL					10,068	7,118	17,186

NOTE.—The Dacca State Railway was not opened through for goods traffic in May 1886, hence the comparative statement cannot be prepared.

F. C. ROGERS, Traffic Superintendent.